

## Rabbit anti-Human, Mouse KRT5 Polyclonal Antibody | anti-KRT5 antibody

KRT5 Polyclonal Antibody

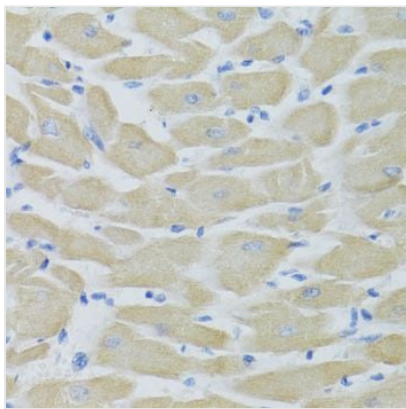
|                              |                       |                                   |                                                         |
|------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA10706</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunofluorescence</b> |
|------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

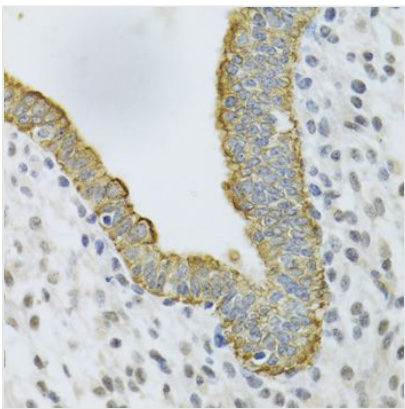
KRT5; Polyclonal Antibody; KRT5 Polyclonal Antibody; K5; CK5; DDD; EBS2; KRT5A; anti-KRT5 antibody

### PRODUCT SPECIFICATIONS

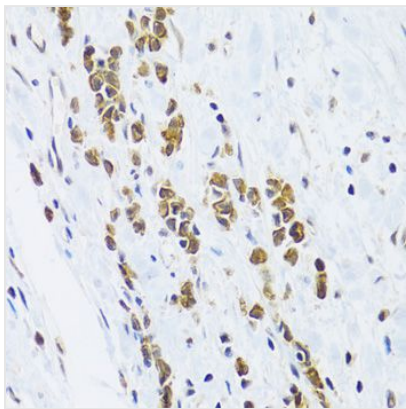
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Isotype                                        | IgG                                                                                                                                                   |
| Purity/Purification                            | Affinity Purification                                                                                                                                 |
| Form/Format                                    | PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.                                                                                                     |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                | 590                                                                                                                                                   |
| Applicable Applications for anti-KRT5 antibody | WB (Western Blot), IF (Immunofluorescence)                                                                                                            |
| Application Notes                              | WB: 1:500 - 1:2000<br>IF: 1:50 - 1:200                                                                                                                |
| Species                                        | Human                                                                                                                                                 |
| Immunogen                                      | Recombinant Protein                                                                                                                                   |
| Immunogen                                      | Recombinant protein of human KRT5                                                                                                                     |
| Calculated Molecular Weight                    | 62kDa                                                                                                                                                 |
| Preparation and Storage                        | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |



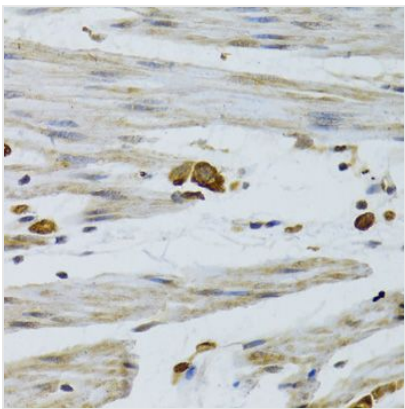
**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded mouse heart using KRT5 Antibody at dilution of 1:100 (40x lens).



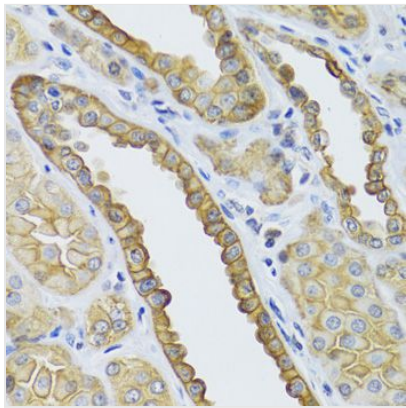
**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human uterine cancer using KRT5 Antibody at dilution of 1:100 (40x lens).



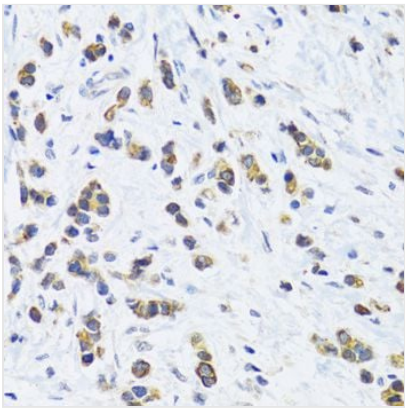
**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human gastric cancer using KRT5 Antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human stomach using KRT5 Antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human kidney using KRT5 Antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human breast cancer using KRT5 Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KRT5 antibody</b> | The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Product Categories/Family for anti-KRT5 antibody

Polyclonal

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 143811411                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 3852                                                                                                                                                                                                                                                           |
| UniProt Accession #              | P13647; Q6PI71; Q6UBJ0; Q8TA91                                                                                                                                                                                                                                 |
| Molecular Weight                 | 590                                                                                                                                                                                                                                                            |
| NCBI Official Full Name          | Keratin, type II cytoskeletal 5                                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | keratin 5                                                                                                                                                                                                                                                      |
| NCBI Official Symbol             | KRT5                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | K5; CK5; DDD; DDD1; EBS2; KRT5A                                                                                                                                                                                                                                |
| NCBI Protein Information         | keratin, type II cytoskeletal 5; CK-5; cytokeratin-5; 58 kda cytokeratin; type-II keratin Kb5; epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types) |
| UniProt Protein Name             | Keratin, type II cytoskeletal 5                                                                                                                                                                                                                                |
| UniProt Gene Name                | <b>KRT5</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | CK-5; K5                                                                                                                                                                                                                                                       |
| UniProt Entry Name               | K2C5_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/krt5-antibody-western-blot-immunofluorescence-elisa/10706>