

## Rabbit NT5C2 Polyclonal Antibody | anti-NT5C2 antibody

NT5C2 antibody

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA107643</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

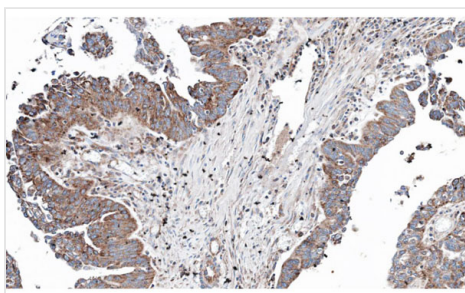
### PRODUCT SYNONYMS

NT5C2; Polyclonal Antibody; NT5C2 antibody; Polyclonal NT5C2; Anti-NT5C2; NTC2 5; cytosolic 5'-nucleotidase II; 5'-nucleotidase (purine) cytosolic type B; PNT5; NT5B; IMP-specific 5'-NT; GMP; NTC2-5; cN-II; anti-NT5C2 antibody

### PRODUCT SPECIFICATIONS

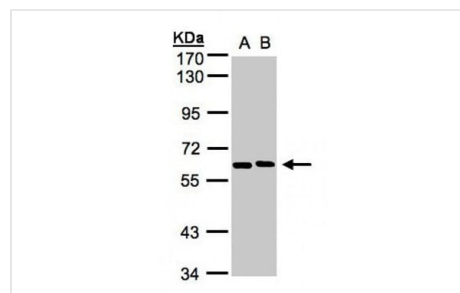
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|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype                                         | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                             | NT5C2 antibody was purified by antigen-affinity chromatography                                                                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                     | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.                                                                                                                                                                                                                                                                                        |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-NT5C2 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                       |
| Biological Significance                         | Purine 5-prime-nucleotidase preferentially hydrolyzes inosine 5-prime-monophosphate (IMP) and other purine nucleotides, and is allosterically activated by various compounds, including ATP. The enzyme is exclusively located in the cytoplasmic matrix of cells and may have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. |
| Cross-Reactivity                                | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                                       | NT5C2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 108 and 362 of NT5C2                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                             |

### IMAGES



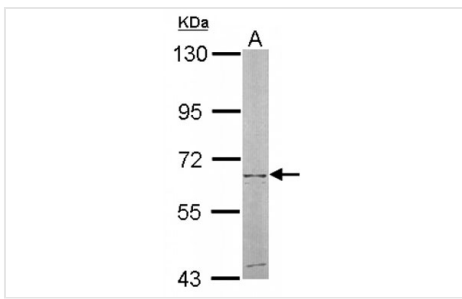
**IHC (Immunohistochemistry)**

Immunohistochemical staining of paraffin-embedded OVCA using NT5C2 antibody at a dilution of 1:100



**WB (Western Blot)**

Western blot analysis of 30 ug whole cell lysate (A: H1299; B: HeLa S3) using a 7.5 % SDS PAGE gel and NT5C2 antibody at a dilution of 1:1000



#### WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse liver) using a 7.5 % SDS PAGE gel and NT5C2 antibody at a dilution of 1:500

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NT5C2 antibody | Affinity purified Rabbit polyclonal NT5C2 antibody                                                                                  |
| Product Categories/Family for anti-NT5C2 antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a> ; <a href="#">Purified Polyclonal Antibodies</a> |

### NCBI AND UNIPROT INFORMATION

|                  |        |
|------------------|--------|
| Molecular Weight | 65 kDa |
|------------------|--------|

**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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nt5c2-antibody-western-blot-immunohistochemistry-elisa/107643>