

## Rabbit B2M Polyclonal Antibody | anti-B2M antibody

B2M Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280867</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

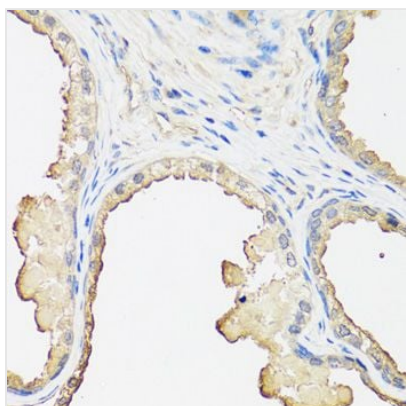
### PRODUCT SYNONYMS

B2M; Polyclonal Antibody; B2M Polyclonal Antibody; IMD43; anti-B2M antibody

### PRODUCT SPECIFICATIONS

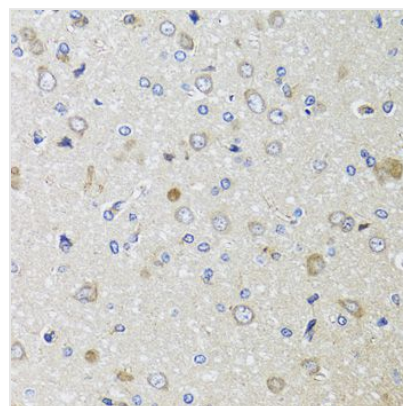
|                                               |                                                   |
|-----------------------------------------------|---------------------------------------------------|
| Host                                          | Rabbit                                            |
| Reactivity                                    | Human, Mouse, Rat                                 |
| Clonality                                     | Polyclonal                                        |
| Isotype                                       | IgG                                               |
| Purity/Purification                           | Affinity Purification                             |
| Sequence Length                               | 119                                               |
| Applicable Applications for anti-B2M antibody | IHC (Immunohistochemistry), WB (Western Blot)     |
| Immunogen                                     | Recombinant protein of human B2M                  |
| Storage Buffer                                | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.  |

### IMAGES



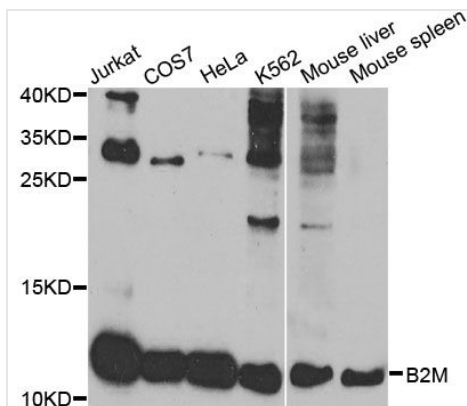
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using B2M antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using B2M antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using B2M antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.

## ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-B2M antibody</b> | This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia. |
| <b>Product Categories/Family for anti-B2M antibody</b>   | Primary antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 48428791                                               |
| NCBI GeneID                      | 567                                                    |
| UniProt Accession #              | P61769; P01884; Q540F8; Q6IAT8; Q9UCK0; Q9UD48; Q9UDF4 |
| Molecular Weight                 | 14kDa                                                  |
| NCBI Official Full Name          | Beta-2-microglobulin                                   |
| NCBI Official Synonym Full Names | beta-2-microglobulin                                   |
| NCBI Official Symbol             | B2M                                                    |
| NCBI Official Synonym Symbols    | IMD43                                                  |
| NCBI Protein Information         | beta-2-microglobulin                                   |
| UniProt Protein Name             | Beta-2-microglobulin                                   |
| UniProt Gene Name                | B2M                                                    |

**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/b2m-antibody-immunohistochemistry-western-blot-elisa/280867>