

## Rabbit B2M Polyclonal Antibody | anti-B2M antibody

B2M antibody - N-terminal region

|                               |                       |                                                                                    |                                     |
|-------------------------------|-----------------------|------------------------------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA200621</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------------------------------------------|-------------------------------------|

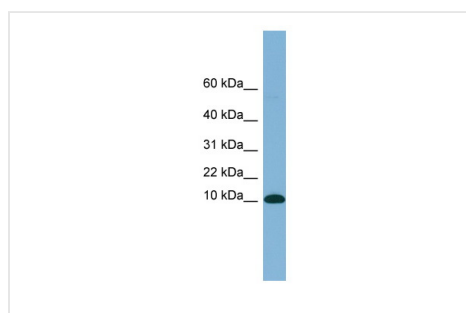
### PRODUCT SYNONYMS

B2M; Polyclonal Antibody; B2M antibody - N-terminal region; anti-B2M antibody

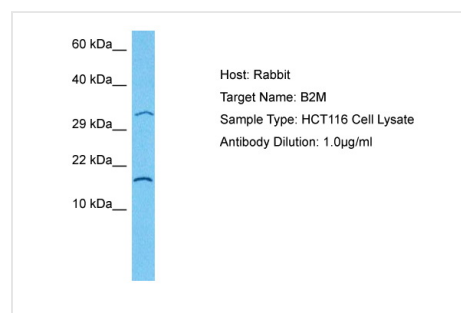
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep                                                                                         |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Purity/Purification                           | Affinity Purified                                                                                                                                     |
| Form/Format                                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                      | Synthetic peptide with the following region: MS RSVALAVLAL LSLSGLEAIQ RTPKIQVYSR HPAENGKSNF LNCYVSGF                                                  |
| Sequence Length                               | 119                                                                                                                                                   |
| Applicable Applications for anti-B2M antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                      | Cow: 79%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%; Sheep: 83%                                           |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the N terminal region of human B2M                                                              |
| Preparation and Storage                       | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-B2M Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:1562500  
Positive Control: Human Thymus


#### WB (Western Blot)

Host: Rabbit  
Target Name: B2M  
Sample Type: HCT116 Cell Lysate  
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-B2M antibody | <p>This is a rabbit polyclonal antibody against B2M. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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 fib</p> |
| Product Categories/Family for anti-B2M antibody   | Polyclonal; Signal Proteins; Lymphocyte Signaling; Chromatin & Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                      |
|----------------------------------|----------------------|
| NCBI GI #                        | 4757826              |
| NCBI GeneID                      | 567                  |
| NCBI Accession #                 | NP_004039            |
| NCBI GenBank Nucleotide #        | NM_004048            |
| UniProt Accession #              | P61769               |
| Molecular Weight                 | 12kDa                |
| 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                  |
| UniProt Entry Name               | B2MG_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.