

Rabbit anti-Human B2M Polyclonal Antibody | anti-B2M antibody

B2M Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40651	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

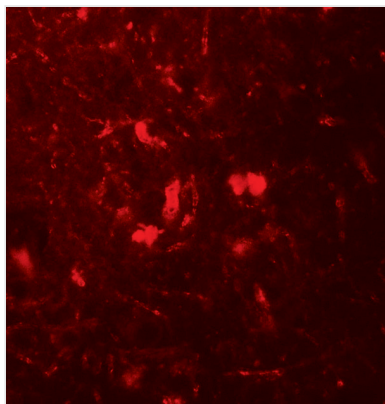
PRODUCT SYNONYMS

B2M; Polyclonal Antibody; B2M Antibody; Beta-2-microglobulin; beta-2-microglobulin; anti-B2M antibody

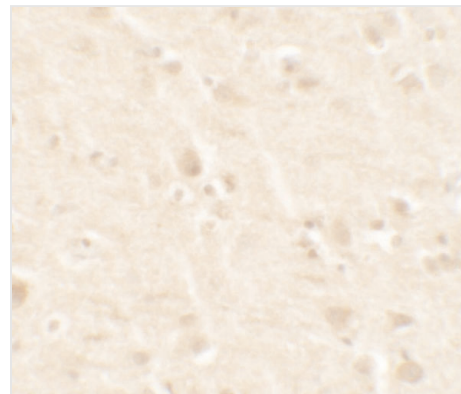
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	B2M antibody is human reactive.
Purity/Purification	B2M Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	119
Applicable Applications for anti-B2M antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	B2M antibody was raised against a 15 amino acid peptide near the carboxy terminus of human B2M.
Buffer	B2M Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	B2M antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

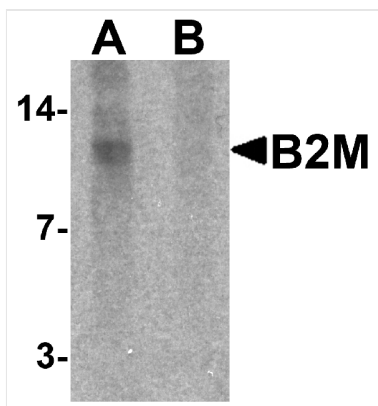
IMAGES


IF (Immunofluorescence)

Immunofluorescence of B2M in mouse brain tissue with B2M antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of B2M in mouse brain tissue with B2M antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of B2M in SK-N-SH cell lysate with B2M antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-B2M antibody

B2M Antibody: Beta2-microglobulin (B2M) is a principal component of the Major Histocompatibility Complex (MHC) class I molecule, a ternary membrane protein complex that displays fragments derived from proteolyzed cytosolic proteins on the surface of cells for recognition by the surveillance immune system (1,2). B2M is involved in the presentation of peptide antigens to the immune system and plays a critically important role in immune system function (3). It is expressed on nearly all nucleated cells and contains one Ig-like C1-type (immunoglobulin-like) domain (2,3). Mutations in the Beta 2-microglobulin gene can enhance the progression of malignant melanoma and osteoarthritis (4,5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757826
NCBI GeneID	567
NCBI Accession #	NP_004039
NCBI GenBank Nucleotide #	NM_004048.2
UniProt Accession #	P61769; P01884; Q540F8; Q6IAT8; Q9UCK0; Q9UD48; Q9UDF4
Molecular Weight	Predicted: 13 kDa Observed: 12 kDa
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2-microglobulin
NCBI Official Symbol	B2M
NCBI Protein Information	beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/b2m-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40651>