

Rabbit anti-Human BI-1/TMBIM6 Polyclonal Antibody | anti-TMBIM6 antibody

Anti-BI-1/TMBIM6 Antibody Picoband

CATALOG # AAA126428	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

BI-1/TMBIM6; Polyclonal Antibody; Anti-BI-1/TMBIM6 Antibody Picoband; anti-TMBIM6 antibody

PRODUCT SPECIFICATIONS

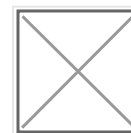
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TMBIM6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human BI-1/TMBIM6 (RKINF ~~D~~ ALLKFSHITPSTQQHLK).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Figure 5. IHC analysis of BI-1/TMBIM6 using anti-BI-1/TMBIM6 antibody (AAA126428). BI-1/TMBIM6 was detected in a paraffin-embedded section of human prostate cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-BI-1/TMBIM6 Antibody (AAA126428) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 4. IHC analysis of BI-1/TMBIM6 using anti-BI-1/TMBIM6 antibody (AAA126428). BI-1/TMBIM6 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-BI-1/TMBIM6 Antibody (AAA126428) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



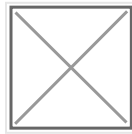
IHC (Immunohistochemisry)

Figure 3. IHC analysis of BI-1/TMBIM6 using anti-BI-1/TMBIM6 antibody (AAA126428).BI-1/TMBIM6 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-BI-1/TMBIM6 Antibody (AAA126428) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohiostchemistry)

Figure 2. IHC analysis of BI-1/TMBIM6 using anti-BI-1/TMBIM6 antibody (AAA126428).BI-1/TMBIM6 was detected in a paraffin-embedded section of human endometrial adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-BI-1/TMBIM6 Antibody (AAA126428) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of BI-1/TMBIM6 using anti-BI-1/TMBIM6 antibody (AAA126428).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human RT4 whole cell lysates,Lane 2: human CACO-2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BI-1/TMBIM6 antigen affinity purified polyclonal antibody (#AAA126428) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BI-1/TMBIM6 at approximately 35 kDa. The expected band size for BI-1/TMBIM6 is at 27 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TMBIM6 antibody	Bax inhibitor 1 is a protein that in humans is encoded by the TMBIM6 gene. Enables endoribonuclease inhibitor activity and ubiquitin protein ligase binding activity. Involved in several processes, including negative regulation of RNA metabolic process; negative regulation of intrinsic apoptotic signaling pathway; and response to L-glutamate. Acts upstream of or within negative regulation of calcium ion transport into cytosol. Located in endoplasmic reticulum membrane and mitochondrial membrane. Biomarker of cervical squamous cell carcinoma and prostate carcinoma.
Product Categories/Family for anti-TMBIM6 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148746209
NCBI GeneID	7009
NCBI Accession #	NP_003208.2
NCBI GenBank Nucleotide #	NM_003217.2
UniProt Accession #	P55061 ; O14938 ; Q643A7 ; Q96J50 ; B2R5M4 ; F8W034
Molecular Weight	32,711 Da
NCBI Official Full Name	bax inhibitor 1 isoform 1
NCBI Official Synonym Full Names	transmembrane BAX inhibitor motif containing 6
NCBI Official Symbol	TMBIM6
NCBI Official Synonym Symbols	BI-1; TEGT; BAXI1

NCBI Protein Information	bax inhibitor 1; testis enhanced gene transcript; testis-enhanced gene transcript protein; transmembrane BAX inhibitor motif-containing protein 6
UniProt Protein Name	Bax inhibitor 1
UniProt Gene Name	TMBIM6
UniProt Synonym Gene Names	BI1; TEGT; BI-1
UniProt Entry Name	BI1_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
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bi-1-tmbim6-antibody-immunohistochemistry-western-blot-elisa/126428>