

Rabbit TIMM8B Polyclonal Antibody | anti-TIMM8B antibody

TIMM8B Rabbit pAb

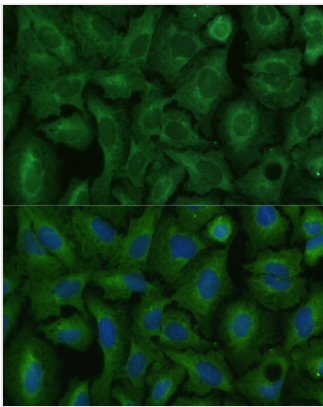
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28321	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

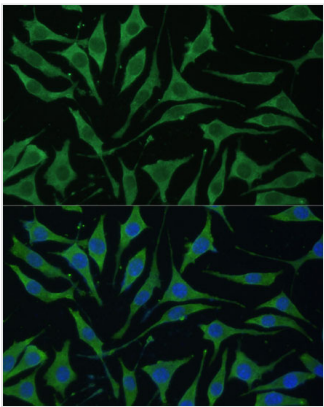
TIMM8B; Polyclonal Antibody; TIMM8B Rabbit pAb; DDP2; TIM8B; anti-TIMM8B antibody

PRODUCT SPECIFICATIONS

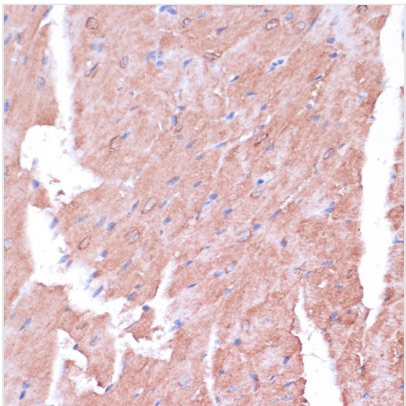
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MAELGEADEA ELQRLVAAEQ QKAQFTAQVH HFMELCWDKC VEKPGNRLDS RTENCLSSCV DRFIDTTLAI TSRFAQIVQK GGQ
Applicable Applications for anti-TIMM8B antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 16-98 of human TIMM8B (NP_036591.2).
Cellular Location	Intermembrane side, Mitochondrion inner membrane, Peripheral membrane protein
Positive Samples	293T, A-549, MCF7, Mouse brain, Mouse kidney, Rat liver
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



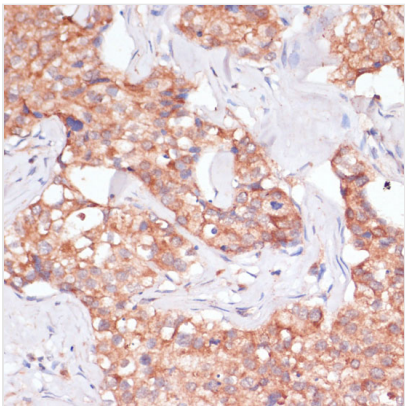
IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using TIMM8B Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



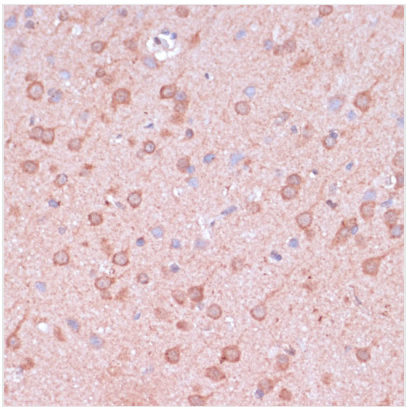
IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using TIMM8B Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



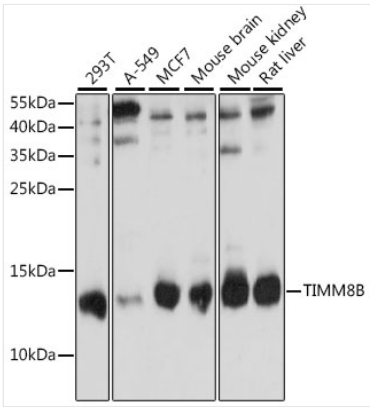
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using TIMM8B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using TIMM8B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using TIMM8B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TIMM8B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMM8B antibody	Background: This gene encodes a member of a well-conserved family of proteins with similarity to yeast Tim mitochondrial import proteins. This gene is encoded by a nuclear gene and is transported into the intermembrane space of the mitochondrion. When formed into complexes, these proteins guide membrane-spanning proteins across the mitochondrial intermembrane space before they are added into the mitochondrial inner membrane. This gene is adjacent to succinate dehydrogenase, subunit D (SDHD), in which mutations have been found in affected members of families with hereditary paraganglioma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6524627
NCBI GeneID	26521
UniProt Accession #	Q9Y5J9; Q3KQS9; Q9UN04; B0YJA5
Molecular Weight	9,344 Da
NCBI Official Full Name	TIMM8b
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 8 homolog B (yeast)
NCBI Official Symbol	TIMM8B
NCBI Official Synonym Symbols	DDP2; TIM8B
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim8 B; DDP-like protein; deafness dystonia protein 2
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim8 B
UniProt Gene Name	TIMM8B
UniProt Synonym Gene Names	DDP2; DDPL; TIM8B
UniProt Entry Name	TIM8B_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://stage.aaabiotech.com/polyclonal/timm8b-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28321>