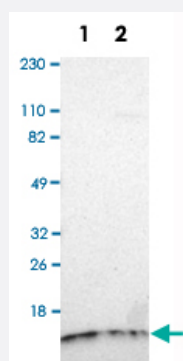


TIMM8A polyclonal antibody

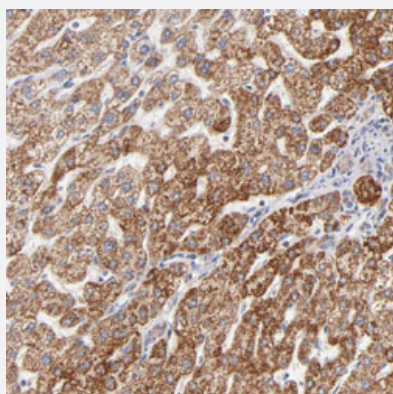
Catalog # PAB30636 Size 100 uL

Applications



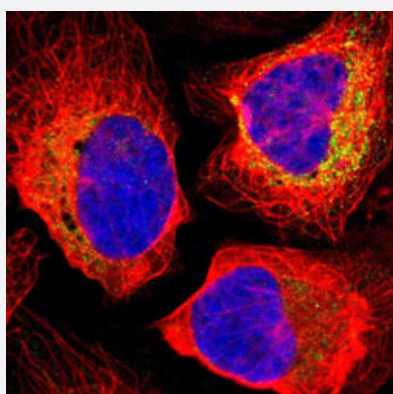
Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with TIMM8A polyclonal antibody (Cat # PAB30636).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with TIMM8A polyclonal antibody (Cat # PAB30636) shows strong cytoplasmic positivity in hepatocytes.



Immunofluorescence

Immunofluorescent staining of U-2 OS with TIMM8A polyclonal antibody (Cat # PAB30636) (Green) shows positivity in mitochondria.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TIMM8A.
Immunogen	Recombinant protein corresponding to human TIMM8A.
Sequence	GLGAVDPQLQHFIEVETQKQRFQQLVHQMTCLWEKCMDKPGPKLDSRAEACFVNCVERFIDT SQFILNRLEQTQKSK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with TIMM8A polyclonal antibody (Cat # PAB30636).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with TIMM8A polyclonal antibody (Cat # PAB30636) shows strong cytoplasmic positivity in hepatocytes.

- Immunofluorescence

Immunofluorescent staining of U-2 OS with TIMM8A polyclonal antibody (Cat # PAB30636) (Green) shows positivity in mitochondria.

Gene Info — TIMM8A

Entrez GeneID	1678
Protein Accession#	O60220
Gene Name	TIMM8A
Gene Alias	DDP, DDP1, DFN1, MGC12262, MTS
Gene Description	translocase of inner mitochondrial membrane 8 homolog A (yeast)
Omim ID	300356 304700 311150
Gene Ontology	Hyperlink
Gene Summary	This translocase is involved in the import and insertion of hydrophobic membrane proteins from the cytoplasm into the mitochondrial inner membrane. The gene is mutated in Mohr-Tranebjaerg syndrome/Deafness Dystonia Syndrome (MTS/DDS) and it is postulated that MTS/DDS is a mitochondrial disease caused by a defective mitochondrial protein import system. Defects in this gene also cause Jensen syndrome; an X-linked disease with opticoacoustic nerve atrophy and muscle weakness. This protein, along with TIMM13, forms a 70 kDa heterohexamer. Alternative splicing results in multiple transcript variants encoding distinct isoforms
Other Designations	OTTHUMP00000023681 deafness/dystonia peptide translocase of inner mitochondrial membrane 8 homolog A

Disease

- [Cardiovascular Diseases](#)
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