

Rabbit TMEM70 Polyclonal Antibody | anti-TMEM70 antibody

TMEM70 Antibody

CATALOG # AAA39299	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TMEM70; Polyclonal Antibody; TMEM70 Antibody; MC5DN2; Transmembrane protein 70; mitochondrial; transmembrane protein 70; anti-TMEM70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TMEM70 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-TMEM70 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TMEM70 antibody was raised against a 14 amino acid synthetic peptide near the center of human TMEM70.
Buffer	TMEM70 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TMEM70 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



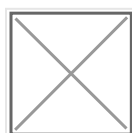
IF (Immunofluorescence)

Immunofluorescence of TMEM70 in rat liver tissue with TMEM70 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TMEM70 in rat liver tissue with TMEM70 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of TMEM70 in human liver tissue lysate with TMEM70 antibody at 1 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM70 antibody	TMEM70 Antibody: TMEM70 is a recently identified mitochondrial protein that is thought to play a role in the biogenesis of the ATP synthase in higher eukaryotes. Mutations in this gene result in early neonatal onset of hypotonia, hypertrophic cardiomyopathy, lactic acidosis and 3-methylglutaconic aciduria (3-MGC-uria), and usually cause death within the first six weeks of life, although some patients survive much longer. Little is known of the role of TMEM70, but it is conserved across multicellular eukaryotic organisms. It contains a conserved DUF1301 domain and two putative transmembrane regions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34147498
NCBI GeneID	54968
NCBI Accession #	NP_060336
NCBI GenBank Nucleotide #	NM_017866.5
UniProt Accession #	Q9BUB7; Q9NWW5; E9PDY9
Molecular Weight	11,278 Da
NCBI Official Full Name	transmembrane protein 70, mitochondrial isoform a
NCBI Official Synonym Full Names	transmembrane protein 70
NCBI Official Symbol	TMEM70
NCBI Official Synonym Symbols	MC5DN2
NCBI Protein Information	transmembrane protein 70, mitochondrial
UniProt Protein Name	Transmembrane protein 70, mitochondrial
UniProt Gene Name	TMEM70
UniProt Entry Name	TMM70_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/tmem70-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39299>