

TMEM70 Antibody

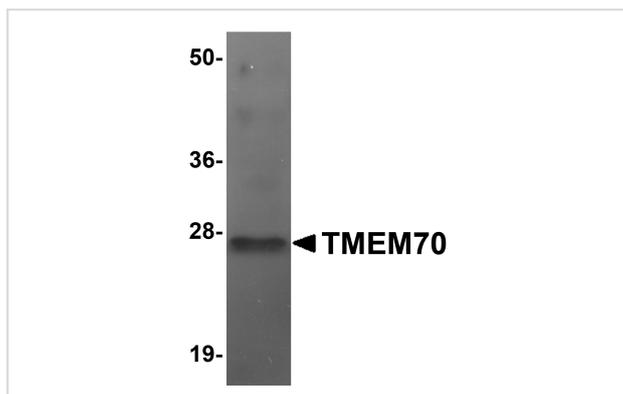
Catalog No: #25073

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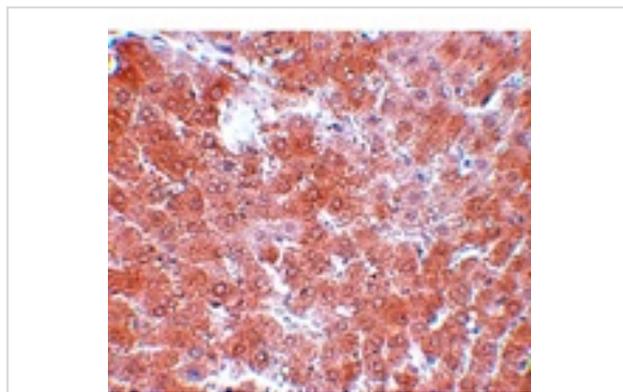
Description

Product Name	TMEM70 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the center of human TMEM70.
Target Name	TMEM70
Other Names	Transmembrane protein 70
Accession No.	Swiss-Prot:Q9BUB7Gene ID:54968
Uniprot	Q9BUB7
GeneID	54968;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



Western blot analysis of TMEM70 in human liver tissue lysate with TMEM70 antibody at 1 ug/mL.



Immunohistochemistry of TMEM70 in rat liver tissue with TMEM70 antibody at 5 ug/mL.

Background

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.

Note: This product is for in vitro research use only