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## anti-Transmembrane Protein 70 (TMM70) (Center) antibody



Overview	
Quantity:	0.1 mg
Target:	Transmembrane Protein 70 (TMM70)
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	TMEM70 antibody was raised against a 14 amino acid peptide near the center of human TMEM70.
Isotype:	IgG
Specificity:	This antibody detects TMEM70.
Purification:	Peptide affinity chromatography
Target Details	
Target:	Transmembrane Protein 70 (TMM70)
Alternative Name:	

## **Target Details**

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 acidos 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. Synonyms: Transmembrane protein 70,
	mitochondrial
Gene ID:	54968
NCBI Accession:	NP_060336
Application Details	
Application Notes:	ELISA. Western blot: 1 - 2 μg/mL.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.