

## Product datasheet for **TA306941**

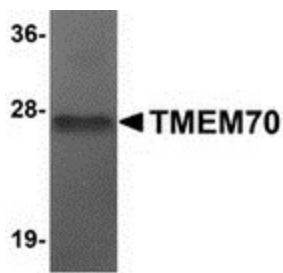
### TMEM70 Rabbit Polyclonal Antibody

#### Product data:

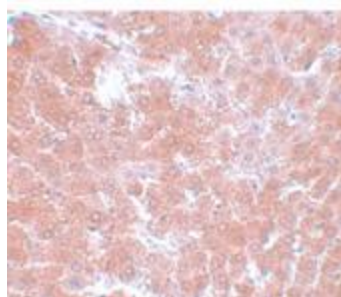
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TMEM70 antibody was raised against a 14 amino acid peptide near the center of human TMEM70.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transmembrane protein 70
Database Link:	<a href="#">NP_060336</a> <a href="#">Entrez Gene 54968 Human</a> <a href="#">Q9BUB7</a>
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.
Synonyms:	MC5DN2



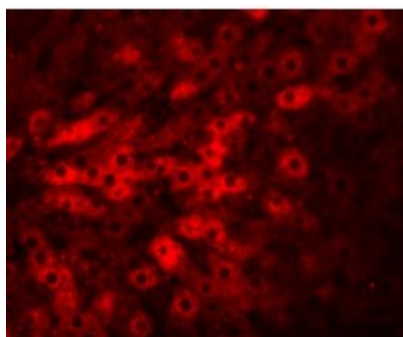
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**Product images:**

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.



Immunofluorescence of TMEM70 in rat liver tissue with TMEM70 antibody at 20 ug/mL.