

Product datasheet for **AP54292PU-N**

TMEM70 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 230-260 amino acids from the C-terminal region of human TMM70
Specificity:	This antibody detects TMEM70 (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transmembrane protein 70
Database Link:	Entrez Gene 54968 Human Q9BUB7
Background:	This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described.



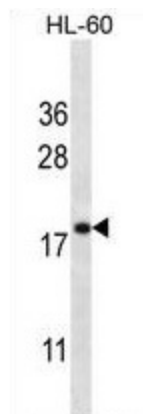
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Synonyms: Transmembrane protein 70, mitochondrial

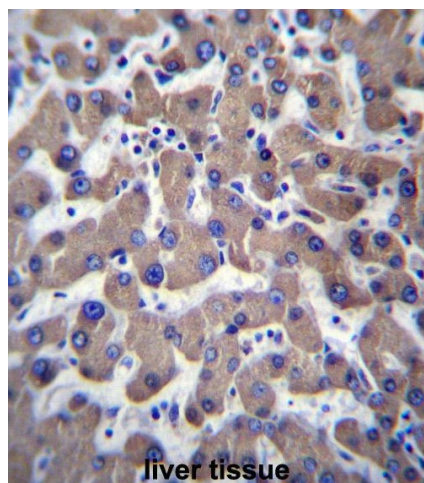
Note: **Molecular Weight:** 28969 Da

Protein Families: Transmembrane

Product images:



TMM70 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35 ug/lane). This demonstrates the TMM70 antibody detected the TMM70 protein (arrow).



TMM70 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TMM70 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.