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anti-Transmembrane Protein 70 (TMM70) (AA 230-260), (C-Term) antibody



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2 Images

Overview	
Quantity:	0.4 mL
Target:	Transmembrane Protein 70 (TMM70)
Binding Specificity:	AA 230-260, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 230-260 amino acids from the C-terminal region of human TMM70
Isotype:	Ig Fraction
Specificity:	This antibody detects TMEM70 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification
Target Details	
Target:	Transmembrane Protein 70 (TMM70)

Target Details

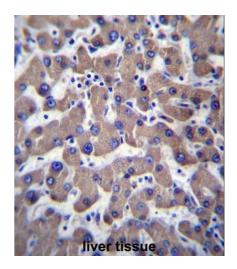
Alternative Name:	TMEM70 (TMM70 Products)
Background:	This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described. Synonyms: Transmembrane protein 70, mitochondrial
Gene ID:	54968
NCBI Accession:	NP_001035703

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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 at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.

Western Blotting

Image 2. TMM70 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35 μ g/lane). This demonstrates the TMM70 antibody detected the TMM70 protein (arrow).