

TMEM70 Antibody

Catalog No: #25073

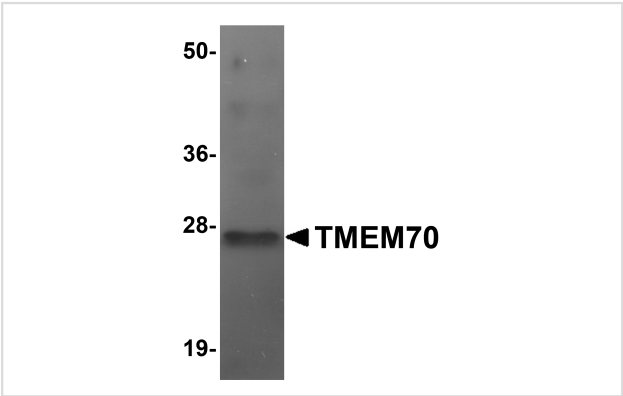


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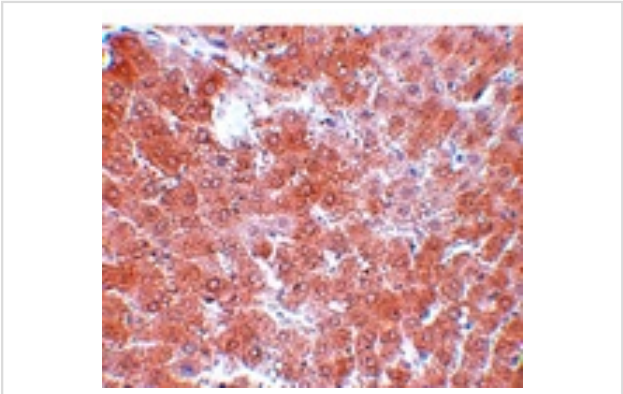
Description

|                       |   |
|-----------------------|---|
| 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

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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.

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Note: This product is for in vitro research use only