

## Goat anti-MTCH1 Antibody

Item Number	dAP-0249
Target Molecule	Principle Name: MTCH1; Official Symbol: MTCH1; All Names and Symbols: MTCH1; PSAP; CGI-64; mitochondrial carrier homolog 1 (C. elegans); CGI-64 protein; presenilin-associated protein; RP1-90K10.1; MGC131998; PIG60; cell proliferation-inducing protein 60; mitochondrial carrier homolog 1; Accession Number (s): NP_055156.1; Human Gene ID(s): 23787; Non-Human GenelD(s): 56462 (mouse)
Immunogen	FRRVSSGSCFALE, is from C Terminus
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Heart and Placenta lysates at up to 1.5µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	
Reference	Reference(s): Xu X, Shi YC, Gao W, Mao G, Zhao G, Agrawal S, Chisolm GM, Sui D, Cui MZ. The novel presenilin-1-associated protein is a proapoptotic mitochondrial protein. <i>J Biol Chem.</i> 2002 Dec 13;277(50):48913-22. Epub 2002 Oct 10.. PMID: 12377771->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**