

PSAP / MTCH1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2357a**Specification**

PSAP / MTCH1 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O9NZJ7
Other Accession	NP_055156.1 , 23787 , 56462 (mouse)
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41544

PSAP / MTCH1 Antibody (C-Term) - Additional Information**Gene ID** 23787**Other Names**

Mitochondrial carrier homolog 1, Presenilin-associated protein, MTCH1, PSAP

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PSAP / MTCH1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PSAP / MTCH1 Antibody (C-Term) - Protein Information**Name** MTCH1 {ECO:0000303|PubMed:36264797, ECO:0000312|HGNC:HGNC:17586}**Function**

Protein insertase that mediates insertion of transmembrane proteins into the mitochondrial outer membrane (PubMed:36264797). Catalyzes insertion of proteins with alpha-helical transmembrane regions, such as signal-anchored, tail-anchored and multi-pass membrane proteins (By similarity). Does not mediate insertion of beta-barrel transmembrane proteins (By

similarity). May play a role in apoptosis (PubMed:12377771).

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein

Tissue Location

Widely expressed with a predominant expression in brain.

PSAP / MTCH1 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PSAP / MTCH1 Antibody (C-Term) - Images**PSAP / MTCH1 Antibody (C-Term) - References**

The novel presenilin-1-associated protein is a proapoptotic mitochondrial protein. Xu X, Shi YC, Gao W, Mao G, Zhao G, Agrawal S, Chisolm GM, Sui D, Cui MZ. J Biol Chem. 2002 Dec 13;277(50):48913-22. Epub 2002 Oct 10. PMID: 12377771