10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PSAP / MTCH1 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2357a

Specification

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

Application	**E**
Primary Accession	Q9NZJ7
Other Accession	NP_055156.1, 23787, 56462 (mouse)
Predicted	**Human, Mouse, Rat, Pig, Dog, Cow**
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

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 Cytomety
- 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