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CNPY2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9953b

Specification

CNPY2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9Y2B0

CNPY2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10330

Other Names
Protein canopy homolog 2, MIR-interacting saposin-like protein, Putative secreted protein Zsig9, Transmembrane protein 4, CNPY2, MSAP, TMEM4, ZSIG9

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNPY2 Antibody (C-term) Blocking Peptide - Protein Information

Name CNPY2

Synonyms MSAP, TMEM4, ZSIG9

Function
Positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC). It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation.

Cellular Location
Endoplasmic reticulum {ECO:0000255|PROSITE- ProRule:PRU10138}

Tissue Location
Expressed in different tissues. Highest levels are detected in adult placenta, liver and pancreas

CNPY2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CNPY2 Antibody (C-term) Blocking Peptide - Images

CNPY2 Antibody (C-term) Blocking Peptide - Background

CNPY2 is positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC). It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation.

CNPY2 Antibody (C-term) Blocking Peptide - References

Trynka, G., et al. Gut 58(8):1078-1083(2009)Bornhauser, B.C., et al. Cell. Mol. Life Sci. 62(11):1260-1266(2005)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)