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FAM82A2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17075c

Specification

FAM82A2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96TC7

FAM82A2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55177

Other Names
Regulator of microtubule dynamics protein 3, RMD-3, hRMD-3, Cerebral protein 10, Protein FAM82A2, Protein FAM82C, Protein tyrosine phosphatase-interacting protein 51, TCPTP-interacting protein 51, RMDN3, FAM82A2, FAM82C, PTPIP51

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.

FAM82A2 Antibody (Center) Blocking Peptide - Protein Information

Name RMDN3 (HGNC:25550)

Function
Involved in cellular calcium homeostasis regulation. May participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis.

Cellular Location
Mitochondrion outer membrane; Single-pass membrane protein. Cytoplasm. Nucleus Cytoplasm, cytoskeleton, spindle Cytoplasm, cytoskeleton, spindle pole Note=In interphase localizes in the cytoplasm, and during mitosis localizes to the spindle microtubules and spindle poles

Tissue Location
Present at high level in epidermis and seminiferous epithelium: while basal cells in the epidermis and spermatogonia show no perceptible amount, keratinocytes of suprabasal layers and differentiating first-order spermatocytes up to spermatids exhibit high expression. In skeletal muscle, its presence is restricted to fibers of the fast twitch type. In surface epithelia containing ciliated cells, it is associated with the microtubular structures responsible for ciliary movement. Also present in specific structures of the central nervous system such as neurons of the hippocampal region, ganglion cells of the autonomic nervous system, and axons of the peripheral

nervous system (at protein level). Widely expressed

FAM82A2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FAM82A2 Antibody (Center) Blocking Peptide - Images

FAM82A2 Antibody (Center) Blocking Peptide - Background

FAM82A2 may participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis.

FAM82A2 Antibody (Center) Blocking Peptide - References

Koch, P., et al. Prostate 69(16):1751-1762(2009)Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)Barop, J., et al. J. Histochem. Cytochem. 57(5):425-435(2009)Stenzinger, A., et al. J. Histochem. Cytochem. 57(2):143-153(2009)Koch, P., et al. J. Cell. Mol. Med. 12 (5B), 2083-2095 (2008) :