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

REEP1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9555b

Specification

REEP1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9H902

REEP1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 65055

Other Names
Receptor expression-enhancing protein 1, REEP1, C2orf23

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.

REEP1 Antibody (Center) Blocking Peptide - Protein Information

Name REEP1

Synonyms C2orf23, SPG31 {ECO:0000303|PubMed:23969

Function
Required for endoplasmic reticulum (ER) network formation, shaping and remodeling; it links ER tubules to the cytoskeleton. May also enhance the cell surface expression of odorant receptors (PubMed:20200447). May play a role in long-term axonal maintenance (PubMed:24478229).

Cellular Location
Membrane. Mitochondrion membrane; Multi-pass membrane protein. Endoplasmic reticulum Note=Localizes to endoplasmic reticulum tubular network

Tissue Location
Expressed in circumvallate papillae and testis.

REEP1 Antibody (Center) Blocking Peptide - Protocols

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

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

- Blocking Peptides

REEP1 Antibody (Center) Blocking Peptide - Images

REEP1 Antibody (Center) Blocking Peptide - Background

REEP1 is a mitochondrial protein that functions to enhance the cell surface expression of odorant receptors.

REEP1 Antibody (Center) Blocking Peptide - References

Du, J., et al. Chin. Med. J. 122(17):2064-2066(2009)Hewamadduma, C., et al. Neurogenetics 10(2):105-110(2009)Liu, S.G., et al. Synapse 63(3):201-205(2009)Tzschach, A., et al. Am. J. Med. Genet. A 149A (2), 242-245 (2009) Schlang, K.J., et al. BMC Med. Genet. 9, 71 (2008)