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REEP6 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP5257b

Specification

REEP6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96HR9

REEP6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 92840

Other Names
Receptor expression-enhancing protein 6, Polyposis locus protein 1-like 1, REEP6, C19orf32, DP1L1

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.

REEP6 Antibody (C-term) Blocking Peptide - Protein Information

Name REEP6

Synonyms C19orf32, DP1L1

Function
Required for correct function and survival of retinal photoreceptors (PubMed:27889058). Required for retinal development (By similarity). In rod photoreceptors, facilitates stability and/or trafficking of guanylate cyclases and is required to maintain endoplasmic reticulum and mitochondrial homeostasis (By similarity). May play a role in clathrin-coated intracellular vesicle trafficking of proteins from the endoplasmic reticulum to the retinal rod plasma membrane (By similarity).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Cytoplasmic vesicle, clathrin-coated vesicle membrane {ECO:0000250|UniProtKB:Q9JM62}; Multi-pass membrane protein

Tissue Location
Expressed in circumvallate papillae and testis (PubMed:16720576). Expressed in the retina. Isoform 1 is predominantly present in mature optic cups. Isoform 1 expression is confined to the cell body and inner segment of developing rod photoreceptor cells (PubMed:27889058).

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REEP6 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

REEP6 Antibody (C-term) Blocking Peptide - Images

REEP6 Antibody (C-term) Blocking Peptide - Background

REEP6 may enhance the cell surface expression of odorant receptors.

REEP6 Antibody (C-term) Blocking Peptide - References

Clark, A.J., et al. Trends Endocrinol. Metab. 16(10):451-457(2005)Saito, H., et al. Cell 119(5):679-691(2004)