

RTP4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10538b**Specification**

RTP4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O96DX8](#)
Other Accession [NP_071430.2](#)

RTP4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 64108

Other Names

Receptor-transporting protein 4, 28 kDa interferon-responsive protein, RTP4, IFRG28

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.

RTP4 Antibody (C-term) Blocking Peptide - Protein Information

Name RTP4

Synonyms IFRG28, Z3CXXC4

Function

Probable chaperone protein which facilitates trafficking and functional cell surface expression of some G-protein coupled receptors (GPCRs). Promotes functional expression of the bitter taste receptor TAS2R16 (PubMed:16720576). Also promotes functional expression of the opioid receptor heterodimer OPRD1-OPRM1 (By similarity).

Cellular Location

Membrane; Single-pass type III membrane protein

Tissue Location

Expressed in circumvallate papillae and testis.

RTP4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RTP4 Antibody (C-term) Blocking Peptide - Images

RTP4 Antibody (C-term) Blocking Peptide - Background

RTP4 belongs to the TMEM7 family. The function of this protein remains unknown.

RTP4 Antibody (C-term) Blocking Peptide - References

Behrens, M., et al. J. Biol. Chem. 281(29):20650-20659(2006)Clark, A.J., et al. Trends Endocrinol. Metab. 16(10):451-457(2005)Saito, H., et al. Cell 119(5):679-691(2004)