

OSTM1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18345b**Specification**

OSTM1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q86WC4](#)**OSTM1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 28962**Other Names**

Osteopetrosis-associated transmembrane protein 1, Chloride channel 7 beta subunit, OSTM1, GL

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.

OSTM1 Antibody (C-term) Blocking Peptide - Protein Information**Name** OSTM1**Synonyms** GL**Function**

Required for osteoclast and melanocyte maturation and function.

Cellular Location

Lysosome membrane; Single-pass type I membrane protein Note=Requires CLCN7 to travel to lysosomes

OSTM1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OSTM1 Antibody (C-term) Blocking Peptide - Images**OSTM1 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a protein that may be involved in the degradation of G proteins via the ubiquitin-dependent proteasome pathway. The encoded protein binds to members of subfamily A of the regulator of the G-protein signaling (RGS) family through an N-terminal leucine-rich region. This protein also has a central RING finger-like domain and E3 ubiquitin ligase activity. This protein is highly conserved from flies to humans. Defects in this gene may cause the autosomal recessive, infantile malignant form of osteopetrosis.

OSTM1 Antibody (C-term) Blocking Peptide - References

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Mazzolari, E., et al. Am. J. Hematol. 84(8):473-479(2009) Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008) Feigin, M.E., et al. Cell. Signal. 20(5):949-957(2008) Maranda, B., et al. J. Bone Miner. Res. 23(2):296-300(2008)