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OSTM1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18345b

Specification

OSTM1 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 thedegradation of G proteins via the ubiquitin-dependent proteasomepathway. The encoded protein binds to members of subfamily A of theregulator of the G-protein signaling (RGS) family through anN-terminal leucine-rich region. This protein also has a centralRING finger-like domain and E3 ubiquitin ligase activity. Thisprotein is highly conserved from flies to humans. Defects in thisgene may cause the autosomal recessive, infantile malignant form ofosteopetrosis.

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)