

**OSTF1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17103a****Specification**

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**OSTF1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q92882](#)

**OSTF1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 26578

**Other Names**

Osteoclast-stimulating factor 1, OSTF1

**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.

**OSTF1 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** OSTF1

**Function**

Induces bone resorption, acting probably through a signaling cascade which results in the secretion of factor(s) enhancing osteoclast formation and activity.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Ubiquitously expressed. Present in osteoclasts (at protein level).

**OSTF1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**OSTF1 Antibody (N-term) Blocking Peptide - Images**

**OSTF1 Antibody (N-term) Blocking Peptide - Background**

Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al., 1998 [PubMed10092216]).

**OSTF1 Antibody (N-term) Blocking Peptide - References**

Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Tong, S., et al. Proteins 75(1):245-251(2009) Voss, M., et al. BMC Immunol. 10, 53 (2009) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :