

OSTF1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17103a**Specification**

OSTF1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q92882
Other Accession	Q7ZYG4 , Q6P686 , Q8MJ49 , Q62422 , Q6TGW5 , Q5ZJJ9 , Q8MJ50 , NP_036515.4
Reactivity	Human
Predicted	Bovine, Chicken, Zebrafish, Mouse, Pig, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23787
Antigen Region	10-37

OSTF1 Antibody (N-term) - Additional Information**Gene ID** 26578**Other Names**

Osteoclast-stimulating factor 1, OSTF1

Target/Specificity

This OSTF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-37 amino acids from the N-terminal region of human OSTF1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OSTF1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OSTF1 Antibody (N-term) - 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

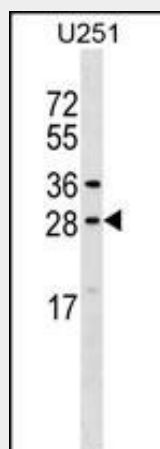
Ubiquitously expressed. Present in osteoclasts (at protein level).

OSTF1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OSTF1 Antibody (N-term) - Images



OSTF1 Antibody (N-term) (Cat. #AP17103a) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the OSTF1 antibody detected the OSTF1 protein (arrow).

OSTF1 Antibody (N-term) - Background

Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al., 1998 [PubMed 10092216]).

OSTF1 Antibody (N-term) - 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) :