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OSTF1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17103a

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, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37051
Calculated MW	23787
Antigen Region	10-37

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 E~~Use at an assay dependent concentration.
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.

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).

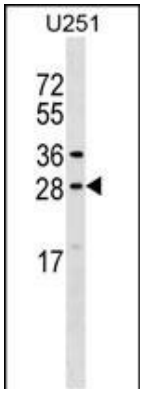
Background

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]).

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) :

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.