



Rabbit Anti-OSTF1 antibody

SL17531R

Product Name:	OSTF1
Chinese Name:	破骨细胞刺激因子1抗体
Alias:	bA235O14.1; FLJ20559; OSF; Osteoclast stimulating factor 1; Osteoclast-stimulating factor 1; Ostf1; OSTF1_HUMAN; SH3P2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep, Xenopus laevis, Chimpanzee, Rhesus monkey, Gorilla, Orangut
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OSTF1:101-200/214
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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]).[supplied by OMIM, Mar 2008] Function:

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

Subcellular Location:

Cytoplasm.

Tissue Specificity:

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

Similarity:

Contains 3 ANK repeats.

Contains 1 SH3 domain.

SWISS:

Q92882

Gene ID:

26578

Database links:

[Entrez Gene: 427258](#) Chicken

[Entrez Gene: 464532](#) Chimpanzee

[Entrez Gene: 281961](#) Cow

[Entrez Gene: 100063925](#) Horse

[Entrez Gene: 26578](#) Human

[Entrez Gene: 20409](#) Mouse

[Entrez Gene: 397066](#) Pig

[Entrez Gene: 259275](#) Rat

[Entrez Gene: 703986](#) Rhesus monkey

[Entrez Gene: 380103](#) Xenopus laevis

[Entrez Gene: 549189](#) Xenopus tropicalis

[Omim: 610180](#) Human

[SwissProt: Q8MJ50](#) Cow

[SwissProt: Q92882](#) Human

[SwissProt: Q62422](#) Mouse

[SwissProt: Q8MJ49](#) Pig

[SwissProt: Q6P686](#) Rat

[SwissProt: Q7ZYG4](#) Xenopus laevis

[Unigene: 494192](#) Human

[Unigene: 172222](#) Mouse

[Unigene: 108470](#) Rat

[Unigene: 7905](#) Xenopus laevis

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.