

A29522

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RANK/TNFRSF11A Rabbit mAb

Catalog No.: A29522

Recombinant

Basic Information

Observed MW

75 kDa/90 kDa

Calculated MW

29 kDa/32 kDa/36 kDa/56 kDa/65 kDa/66 kDa

Category

Monoclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

Recommended Dilutions

WB 1:5000 - 1:20000

IP 0.5 µg - 4 µg antibody for
200 µg - 400 µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements. For high-
ratio antibody dilutions
(≥1:10000), a sequential
dilution method is strongly
recommended to ensure
measurement accuracy.

Immunogen Information

Gene ID
8792

Swiss Prot
Q9Y6Q6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FEO; OFE; ODFR; OSTs; PDB2; RANK; CD265; OPTB7; TRANCER; LOH18CR1; TRANCE-R

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage

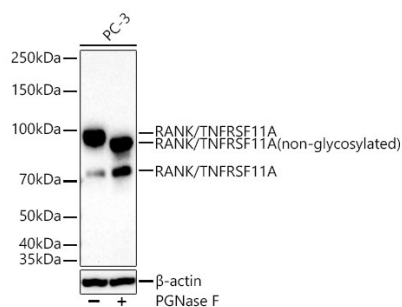
Store at -20°C

Contact



www.abclonal.com

Validation Data



Western blot analysis of lysates from PC-3 cells using RANK/TNFRSF11A Rabbit mAb (A29522) at 1:10000 dilution incubated overnight at 4°C. PC-3 cells were treated with PNGase F (2 U/μL) at 37°C for 1 hour.

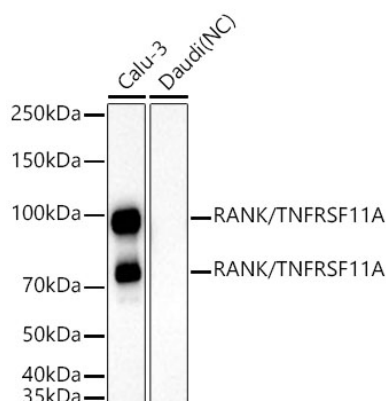
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.



Western blot analysis of various lysates using RANK/TNFRSF11A Rabbit mAb (A29522) at 1:10000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

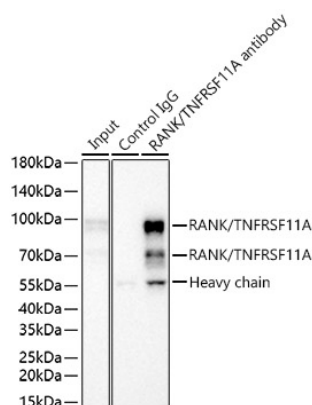
Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): Daudi.

Exposure time: 60 s.



Immunoprecipitation of RANK/TNFRSF11A from 300 μg extracts of PC-3 cells was performed using 2 μg of RANK/TNFRSF11A Rabbit mAb (A29522). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RANK/TNFRSF11A Rabbit mAb (A29522) at a dilution of 1:10000.