

For Research Use Only

# RANK/TNFRSF11A Polyclonal antibody

Catalog Number: 32528-1-AP



## Basic Information

Catalog Number:

32528-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001271235.1

GeneID (NCBI):

498206

UNIPROT ID:

F1M8Z6

Full Name:

Tumor necrosis factor receptor superfamily, member 11a

Calculated MW:

68 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : C2C12 cells, rat liver tissue

## Background Information

Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A, also known as RANK, CD265, and ODFR) is the signaling receptor essential for osteoclast differentiation factor-mediated osteoclastogenesis and is involved in the regulation of interactions between T-cells and dendritic cells (PMID: 9878548). The RANK/RANKL/OPG system is a key regulator in bone resorption, and its dysregulation can lead to pathological bone loss (PMID: 37893470).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

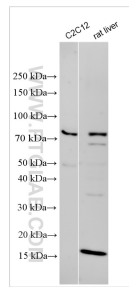
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32528-1-AP (TNFRSF11A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.