

For Research Use Only

# RANK/TNFRSF11A Polyclonal antibody

Catalog Number: 55293-1-AP



## Basic Information

Catalog Number:

55293-1-AP

Size:

900 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_003839

GeneID (NCBI):

8792

UNIPROT ID:

Q9Y6Q6

Full Name:

tumor necrosis factor receptor  
superfamily, member 11a, NFKB  
activator

Calculated MW:

66 kDa

Observed MW:

80-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: MJ cells,

## 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

For technical support and original validation data for this product please contact:

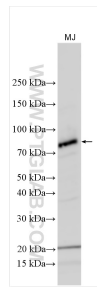
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55293-1-AP (RANK antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.