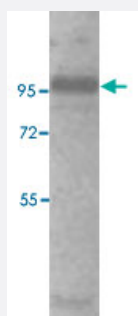


# TNFRSF11A polyclonal antibody

Catalog # PAB18788

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of human fetal muscle lysate with TNFRSF11A polyclonal antibody (Cat # PAB18788) at 1 : 200 dilution.

## Specification

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of TNFRSF11A.                                                   |
| <b>Immunogen</b>           | A synthetic peptide corresponding to 13 amino acids at C-terminus of human TNFRSF11A.                                       |
| <b>Host</b>                | Rabbit                                                                                                                      |
| <b>Reactivity</b>          | Human                                                                                                                       |
| <b>Form</b>                | Liquid                                                                                                                      |
| <b>Recommend Usage</b>     | ELISA (1:10000-1:40000)<br>Western Blot (1:200-1:500)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In buffer containing 0.02% sodium azide                                                                                     |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.     |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.      |

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of human fetal muscle lysate with TNFRSF11A polyclonal antibody (Cat # PAB18788) at 1 : 200 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TNFRSF11A

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">8792</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Accession# | <a href="#">NM_003839</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Name          | TNFRSF11A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Alias         | CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OSTs, PDB2, RANK, TRANCER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description   | tumor necrosis factor receptor superfamily, member 11a, NFkB activator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Omim ID            | <a href="#">174810 602080 603499</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Summary       | 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. Studies of the mouse counterpart suggest that this receptor directly mediates the osteoprotegerin ligand (OPGL)-induced osteoclastogenesis in osteoclast precursor cells. [provided by RefSeq] |
| Other Designations | loss of heterozygosity, 18, chromosomal region 1 osteoclast differentiation factor receptor receptor activator of nuclear factor-kappa B tumor necrosis factor receptor superfamily, member 11a tumor necrosis factor receptor superfamily, member 11a, activator                                                                                                                                                                                                                                                                                                                                                                |

## Pathway

- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Acute Disease](#)

- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Bone Diseases](#)
- [Bone Resorption](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteitis Deformans](#)
- [Osteoporosis](#)
- [Periodontitis](#)
- [Prosthesis Failure](#)
- [Scoliosis](#)
- [Wounds and Injuries](#)