

TNFSF11 Rabbit Polyclonal Antibody



CAB17025

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

27kDa/30kDa/35kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the tumor necrosis factor (TNF) cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. This protein was shown to be a dendritic cell survival factor and is involved in the regulation of T cell-dependent immune response. T cell activation was reported to induce expression of this gene and lead to an increase of osteoclastogenesis and bone loss. This protein was shown to activate antiapoptotic kinase AKT/PKB through a signaling complex involving SRC kinase and tumor necrosis factor receptor-associated factor (TRAF) 6, which indicated this protein may have a role in the regulation of cell apoptosis. Targeted disruption of the related gene in mice led to severe osteopetrosis and a lack of osteoclasts. The deficient mice exhibited defects in early differentiation of T and B lymphocytes, and failed to form lobulo-alveolar mammary structures during pregnancy. Two alternatively spliced transcript variants have been found.

Immunogen information

Gene ID:

8600

Uniprot

O14788

Synonyms:

TNFSF11; CD254; ODF; OPGL; OPTB2; RANKL; TNLG6B; TRANCE;
hRANKL2; sOdf

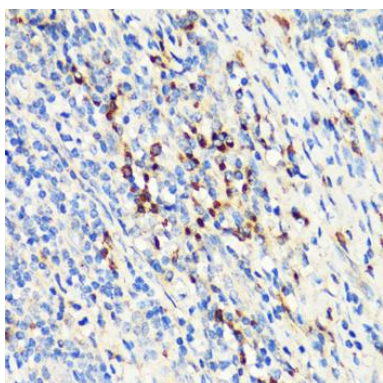
Immunogen:

Recombinant protein of human TNFSF11.

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry - TNFSF11 Polyclonal Antibody (CAB17025)