

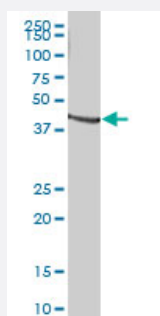
MaxPab®

TNFRSF11B purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00004982-B02P

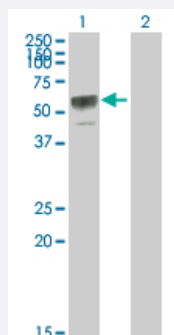
Size 50 ug

Applications



Western Blot (Tissue lysate)

TNFRSF11B MaxPab polyclonal antibody. Western Blot analysis of TNFRSF11B expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of TNFRSF11B expression in transfected 293T cell line ([H00004982-T01](#)) by TNFRSF11B MaxPab polyclonal antibody.

Lane 1: TNFRSF11B transfected lysate(44.11 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TNFRSF11B protein.

Immunogen

TNFRSF11B (AAH30155.1, 1 a.a. ~ 401 a.a) full-length human protein.

Sequence

MNNLLCCALVFLDISIKWTTQETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPC
PDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPPGFG
VVQAGTPERN TVCKRCPDGFFSNETSSKAPCRKHTNCVFGLLLTQKGNATHDNICSGNSESTQ
KCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERIKRQHSSQEQTFLKLWK
HQNKDQDIVKKIQDIDLCENS VQRHIGHANLTFEQLRSLMESLP GKKGVAEDIEKTIKACKPSDQIL
KLLSLWRIKNGDQDTLKGMLHALKHSKTYHFPKTVTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQV
QSVKISCL

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TNFRSF11B MaxPab polyclonal antibody. Western Blot analysis of TNFRSF11B expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TNFRSF11B expression in transfected 293T cell line ([H00004982-T01](#)) by TNFRSF11B MaxPab polyclonal antibody.

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Gene Info — TNFRSF11B

Entrez GeneID	4982
GeneBank Accession#	BC030155
Protein Accession#	AAH30155.1
Gene Name	TNFRSF11B
Gene Alias	MGC29565, OCIF, OPG, TR1
Gene Description	tumor necrosis factor receptor superfamily, member 11b
Omim ID	239000 602643
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. [provided by RefSeq]

Other Designations

osteoclastogenesis inhibitory factor|osteoprotegerin

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Acute Disease](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Neuropathies](#)

- [Diarrhea](#)
- [Disease Progression](#)
- [Edema](#)
- [Escherichia coli Infections](#)
- [Femoral Neck Fractures](#)
- [Fractures](#)
- [Gaucher disease](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hip Fractures](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteitis Deformans](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Osteoporotic Fractures](#)
- [Periodontitis](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Prosthesis Failure](#)

- [Scoliosis](#)
- [Spinal Fractures](#)
- [Stroke](#)
- [Thyroid Neoplasms](#)