

Product datasheet for **TA322995**

Osteoprotegerin (TNFRSF11B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human brain Predicted cell location: cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 195-365 amino acids of human tumor necrosis factor receptor superfamily, member 11b
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 11b
Database Link:	NP_002537 Entrez Gene 18383 Mouse Entrez Gene 25341 Rat Entrez Gene 4982 Human O00300

Background: 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.?



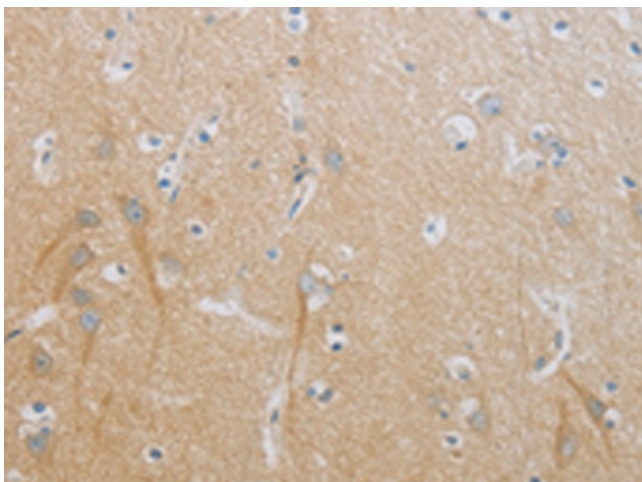
[View online »](#)

Synonyms: OCIF; OPG; TR1

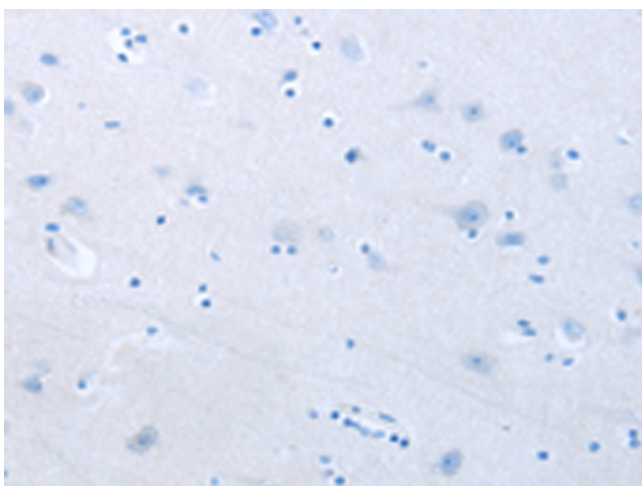
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction

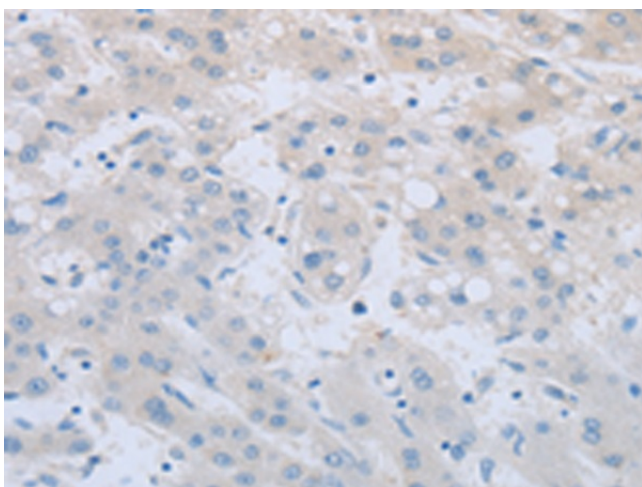
Product images:



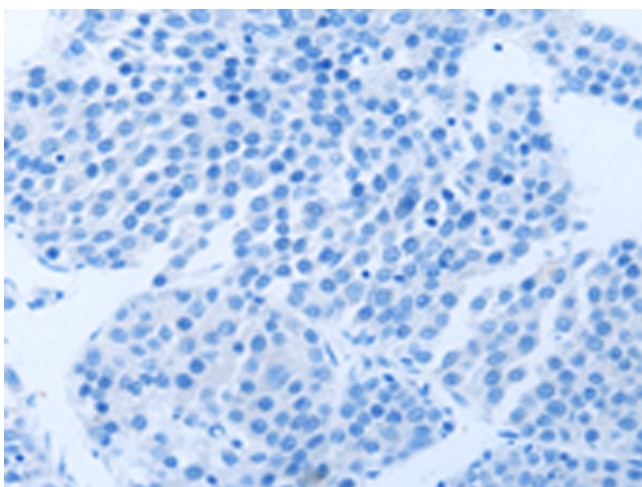
Immunohistochemistry of paraffin-embedded Human brain tissue using TA322995 (TNFRSF11B Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322995 (TNFRSF11B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322995 (TNFRSF11B Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322995 (TNFRSF11B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)