

## Product datasheet for **TA322995S**

### 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 <sub>3</sub> , 50% glycerol
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:	<a href="#">NP_002537</a> <a href="#">Entrez Gene 18383 Mouse</a> <a href="#">Entrez Gene 25341 Rat</a> <a href="#">Entrez Gene 4982 Human</a> <a href="#">O00300</a>
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.?
Synonyms:	OCIF; OPG; TR1

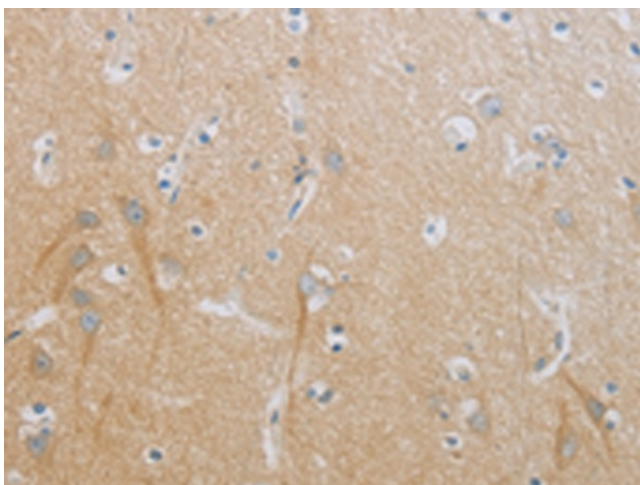


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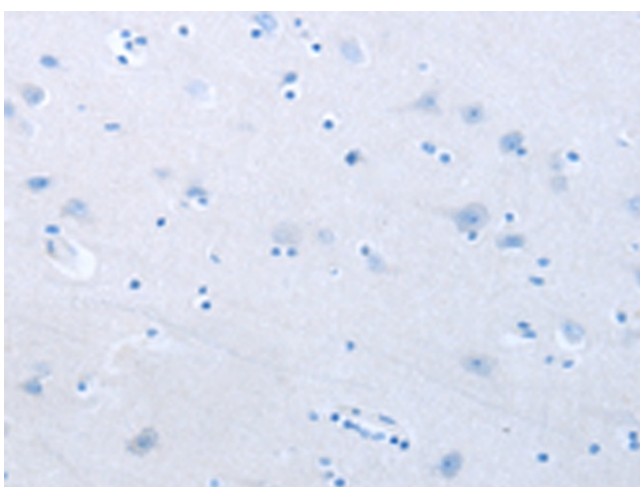
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction

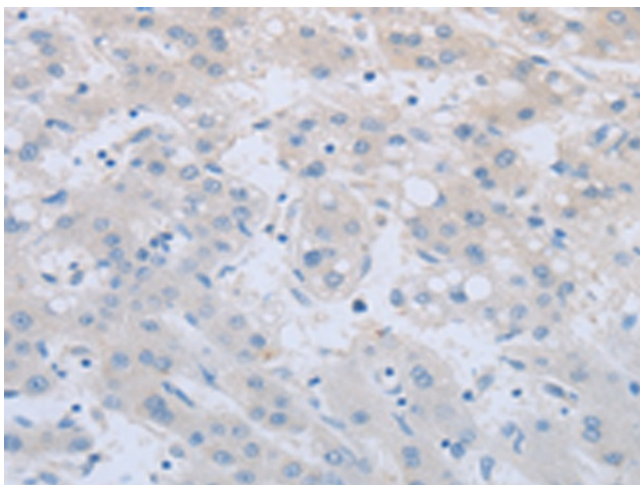
### Product images:



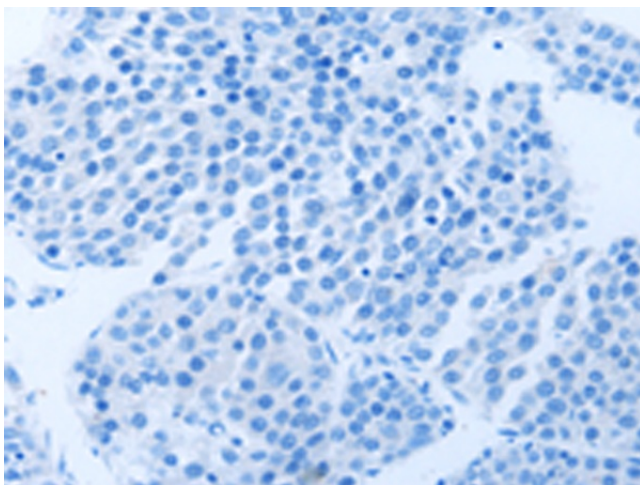
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322995] (TNFRSF11B Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



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



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:  $\times 200$ )