



# Anti-TNFRSF11B polyclonal antibody [Biotin] (DPABY-424)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	View Osteoprotegerin IHC images.
<b>Specificity</b>	Detects human Osteoprotegerin/TNFRSF11B in ELISAs and Western blots. In sandwich immunoassays, less than 20% cross-reactivity with recombinant mouse Osteoprotegerin is observed.
<b>Immunogen</b>	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human Osteoprotegerin/TNFRSF11B. Glu22-Leu401 Accession Number AAB53709
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

1 month, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">TNFRSF11B tumor necrosis factor receptor superfamily, member 11b [ Homo sapiens (human) ]</a>
Official Symbol	TNFRSF11B
Synonyms	TNFRSF11B; tumor necrosis factor receptor superfamily, member 11b; OPG; TR1; OCIF; tumor necrosis factor receptor superfamily member 11B; osteoprotegerin; osteoclastogenesis inhibitory factor;
Entrez Gene ID	<a href="#">4982</a>
Protein Refseq	<a href="#">NP_002537</a>
UniProt ID	<a href="#">O00300</a>
Chromosome Location	8q24
Pathway	Apoptosis Modulation and Signaling; Cytokine-cytokine receptor interaction; Monoamine Transport; Osteoblast Signaling; Osteoclast Signaling; Osteoclast differentiation; RANKL/RANK Signaling Pathway;
Function	cytokine activity; receptor activity;