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# anti-Osteoprotegerin antibody (AA 22-280)





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Quantity:	100 μL	
Target:	Osteoprotegerin (TNFRSF11B)	
Binding Specificity:	AA 22-280	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Osteoprotegerin antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-280 of human TNFRSF11B (NP_002537.3).	
Sequence:	ETFPPKYLHY DEETSHQLLC DKCPPGTYLK QHCTAKWKTV CAPCPDHYYT DSWHTSDECL YCSPVCKELQ YVKQECNRTH NRVCECKEGR YLEIEFCLKH RSCPPGFGVV QAGTPERNTV CKRCPDGFFS NETSSKAPCR KHTNCSVFGL LLTQKGNATH DNICSGNSES TQKCGIDVTL CEEAFFRFAV PTKFTPNWLS VLVDNLPGTK VNAESVERIK RQHSSQEQTF QLLKLWKHQN KDQDIVKKII QDIDLCENS	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	

## **Target Details**

Handling Advice:

Storage Comment:

Storage:

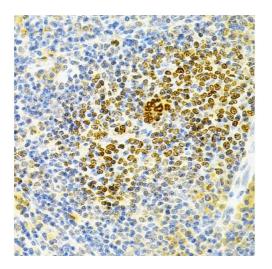
Target Details			
Target:	Osteoprotegerin (TNFRSF11B)		
Alternative Name:	TNFRSF11B (TNFRSF11B Products)		
Target Type:	Chemical		
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is		
	an osteoblast-secreted decoy receptor that functions as a negative 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.,TNFRSF11B,OCIF,OPG,PDB5,TR1,Signal		
	Transduction,Cell Biology & Developmental Biology,Apoptosis,Cytoskeleton,Extracellular		
	Matrix,Bone,Immunology & Inflammation,Cytokines,NF-kB Signaling Pathway,TNFRSF11B		
Molecular Weight:	46 kDa		
Gene ID:	4982		
UniProt:	000300		
Application Details			
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		

should be handled by trained staff only.

Store at -20°C. Avoid freeze / thaw cycles.

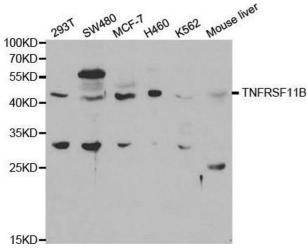
Avoid freeze / thaw cycles

-20 °C



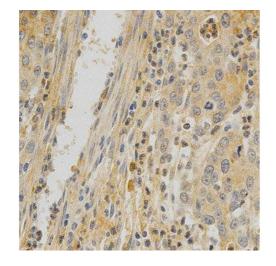
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded rat spleen using TNFRSF11B Antibody (ABIN3022914, ABIN3022915, ABIN3022916 and ABIN6219293) at dilution of 1:200 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using TNFRSF11B antibody.



### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human stomach cancer using TNFRSF11B antibody at dilution of 1:200 (x400 lens)

Please check the product details page for more images. Overall 7 images are available for ABIN3022915.