Datasheet for ABIN7230932

anti-TNFRSF11A antibody (AA 60-120)

2 Images

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Overview

Quantity:	100 µL
Target:	TNFRSF11A
Binding Specificity:	AA 60-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF11A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	RANK Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human RANK protein at AA range: 60-120
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of RANK
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

Target Details

Target:	TNFRSF11A
Alternative Name:	RANK (TNFRSF11A Products)

Target Details

Background:	Rabbit Anti-RANK Polyclonal Antibody,Tumor necrosis factor receptor superfamily member 11A, Osteoclast differentiation factor receptor, ODFR, Receptor activator of NF-KB, CD antigen CD265,TNFRSF11A (TNF Receptor Superfamily Member 11a) is a Protein Coding gene. Diseases associated with TNFRSF11A include Osteopetrosis, Autosomal Recessive 7 and Osteolysis, Familial Expansile. Among its related pathways are Akt Signaling and CDK-mediated phosphorylation and removal of Cdc6. The protein encoded by TNFRSF11A is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.,RANK
Molecular Weight:	observerd band 66kDa
Gene ID:	8792
UniProt:	Q9Y6Q6
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:500-1:200), ELISA (1:10000-1:20000).
Comment:	Primary Antibody
Restrictions:	For Research Use only

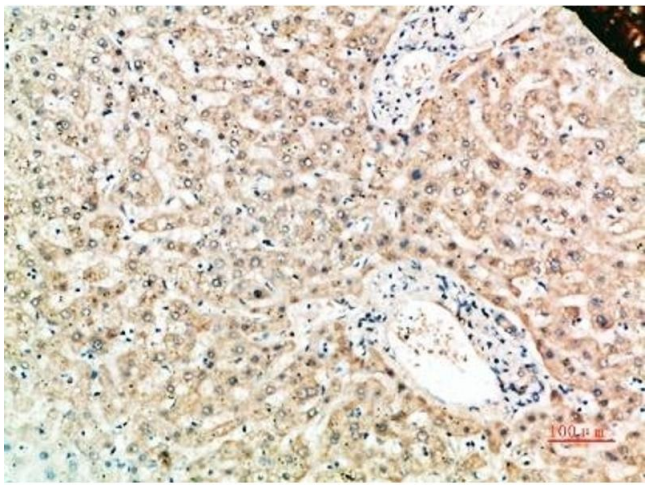
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol as stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

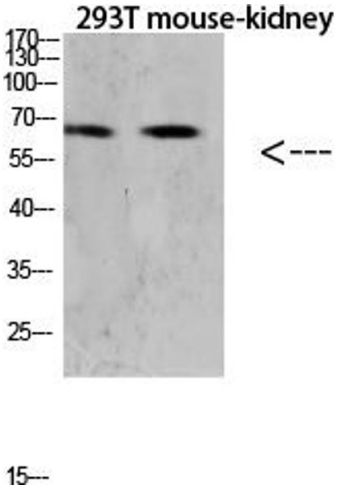
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200.



Western Blotting

Image 2. Western blot analysis of Hela lysate, antibody was diluted at 1:1000. HRP, Goat Anti-Rabbit IgG (ABIN7205155) secondary antibody was diluted at 1:20000.