antibodies -online.com







anti-ALPL antibody (AA 20-270)





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Characteristics:

Purification:

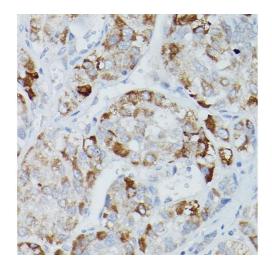
Quantity:	100 μg		
Target:	ALPL		
Binding Specificity:	AA 20-270		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This ALPL antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC)		
Product Details			
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-270 of		
	human Alkaline Phosphatase (Alkaline Phosphatase (ALPL)) (NP_000469.3).		
Sequence:	PEKEKDPKYW RDQAQETLKY ALELQKLNTN VAKNVIMFLG DGMGVSTVTA ARILKGQLHH		
	NPGEETRLEM DKFPFVALSK TYNTNAQVPD SAGTATAYLC GVKANEGTVG VSAATERSRC		
	NTTQGNEVTS ILRWAKDAGK SVGIVTTTRV NHATPSAAYA HSADRDWYSD NEMPPEALSQ		
	GCKDIAYQLM HNIRDIDVIM GGGRKYMYPK NKTDVEYESD EKARGTRLDG LDLVDTWKSF		
	KPRYKHSHFI W		
Isotype:	IgG		
	3		

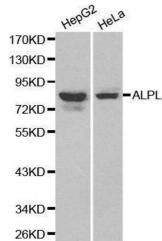
Polyclonal Antibodies

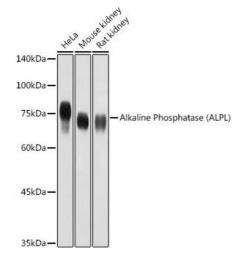
Affinity purification

Target Details

Target:	ALPL	
Alternative Name:	ALPL (ALPL Products)	
Background:	This gene encodes a member of the alkaline phosphatase family of proteins. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. Mutations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects.,ALPL,AP-TNAP,HOPS,TNAP,Kinase,Cell Biology & Developmental Biology,Cell Cycle,Stem Cells,ALPL	
Molecular Weight:	48 kDa/51 kDa/57 kDa	
Gene ID:	249	
UniProt: Application Details	P05186	
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.	
Handling Advice:	Avoid freeze / thaw cycles	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	







Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using Alkaline Phosphatase (ALPL) Rabbit pAb (ABIN3021385, ABIN3021386, ABIN1512569 and ABIN6214987) at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of HepG2 cell and Hela cell lysate using ALPL antibody.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Alkaline Phosphatase (ALPL) antibody (ABIN3021385, ABIN3021386, ABIN1512569 and ABIN6214987) at 1:1000 dilution. Secondary antibody: HRP Anti-Rabbit IgG (H+L) (ABIN1684268 Goat ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Please check the product details page for more images. Overall 4 images are available for ABIN1512569.