

Datasheet for ABIN730988
anti-ALPL antibody (AA 52-150)

3 Images

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Overview

Quantity:	100 µL
Target:	ALPL
Binding Specificity:	AA 52-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALPL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from AP-TNAP/ALPL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ALPL
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Target Details

Alternative Name:	AP-TNAP/ALPL (ALPL Products)
Background:	<p>Synonyms: Akp2, TNAP, Akp-2, APTNAP, TNSALP, Alkaline phosphatase, tissue-nonspecific isozyme, AP-TNAP, Alkaline phosphatase 2, Alkaline phosphatase liver/bone/kidney isozyme, Alpl</p> <p>Background: Alkaline phosphatase (ALP) removes phosphate groups from the 5' end of DNA and RNA, and from proteins, at high pH . Most mammals have 4 different isozymes: placental, placental like, intestinal and non tissue specific (found in liver, kidney and bone). Tissues with particularly high concentrations of ALP include the liver, bile ducts, placenta, and bone.</p> <p>Damaged or diseased tissue releases enzymes into the blood, so serum ALP measurements can be abnormal in many conditions, including bone disease and liver disease.</p>
Gene ID:	11647
UniProt:	P09242

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

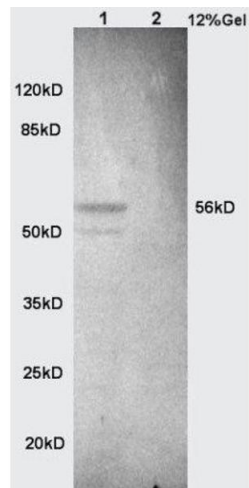
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

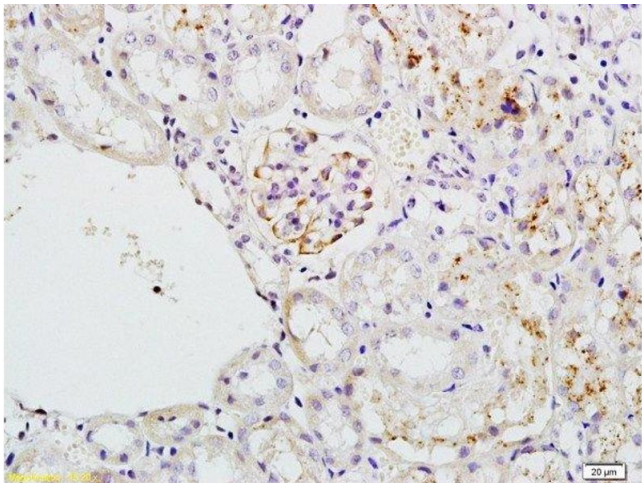
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



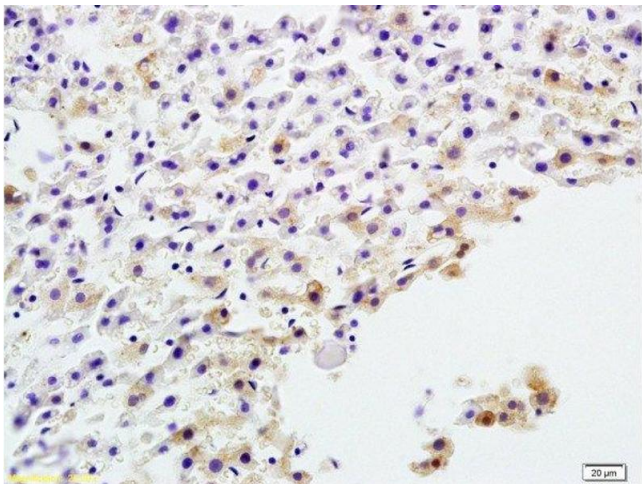
Western Blotting

Image 1. Lane 1: mouse brain lysates Lane 2: mouse heart lysates probed with Anti-AP-TNAP/ALPL Polyclonal Antibody, Unconjugated at 1:200 in 4°C. Followed by conjugation to secondary antibody -HRP at 1:3000 90min in 37°C. Predicted band 56kD. Observed band size: 56kD.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded mouse kidney tissue labeled with Anti-PLAP Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat liver tissue labeled with Anti-AP-TNAP/ALP Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining