

Product Name: Alkaline Phosphatase Rabbit Polyclonal Antibody
Catalog #: APRab03722



Summary

Production Name	Alkaline Phosphatase Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	ALPL
Alternative Names	ALPL; Alkaline phosphatase; tissue-nonspecific isozyme; AP-TNAP; TNSALP; Alkaline phosphatase liver/bone/kidney isozyme
Gene ID	249
SwissProt ID	P05186

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
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Molecular Weight

Calculated MW: 57 kDa; Observed MW: 75 kDa

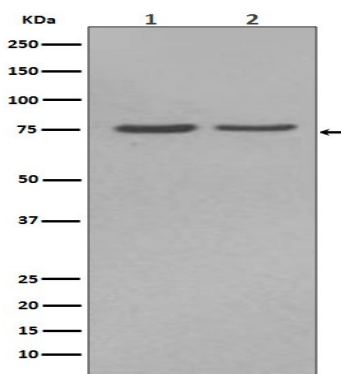
Background

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.

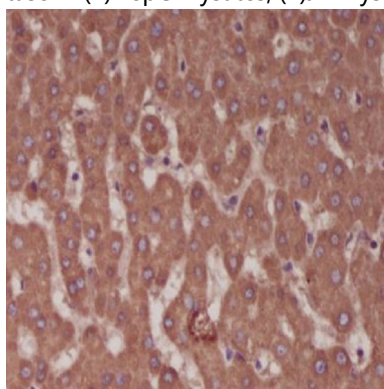
Research Area

Tags & Cell Markers

Image Data

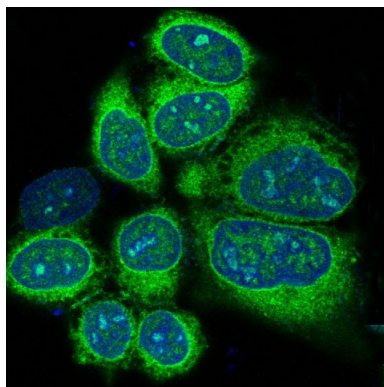


Western blot analysis of Alkaline Phosphatase in (1)HepG2 lysates; (2)JAR lysates using Alkaline Phosphatase antibody.

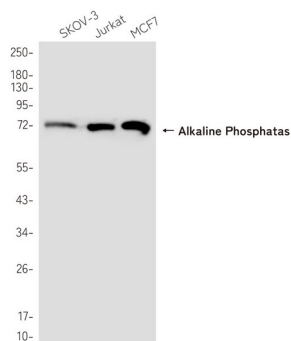


Immunohistochemistry analysis of paraffin-embedded Human liver using Alkaline Phosphatase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of Alkaline Phosphatase in Hela using Alkaline Phosphatase antibody.



Western blot analysis of Alkaline Phosphatase in SKOV-3, Jurkat and MCF-7 lysates using Alkaline Phosphatase antibody.

Note

For research use only.