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

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 57 kDa; Observed MW: 75 kDa

**Antigen Information**

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

**Background**

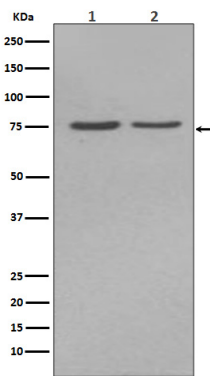
There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney

(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.

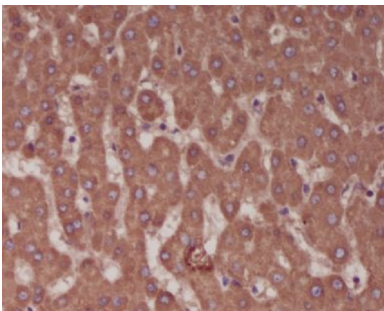
## Research Area

Tags & Cell Markers

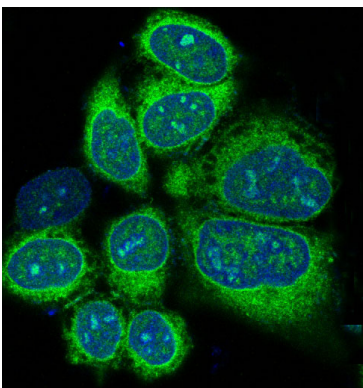
## Image Data



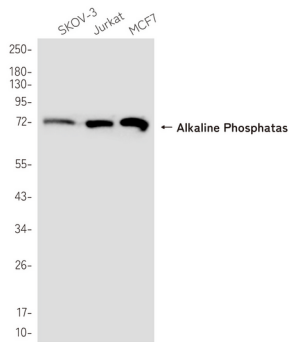
Western blot analysis of Alkaline Phosphatase in (1)HepG2 lysates; (2)JAR lysates using Alkaline Phosphatase antibody.



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.



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.