

ALPL antibody

Catalog No: #38179

Package Size: #38179-1 50ul #38179-2 100ul

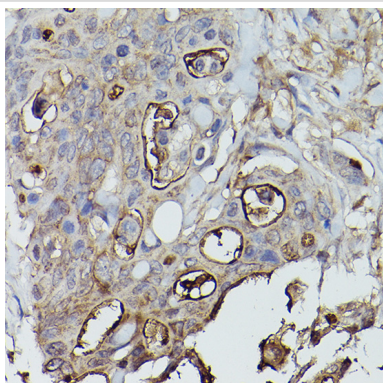
Description

Product Name	ALPL antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ALPL protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Alkaline Phosphatase (Alkaline Phosphatase (ALPL)) (NP_000469.3).
Conjugates	Unconjugated
Target Name	ALPL
Other Names	ALPL;AP-TNAP;APTNAP;HOPS;TNAP
Accession No.	Uniprot:P05186GeneID:249
SDS-PAGE MW	80KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

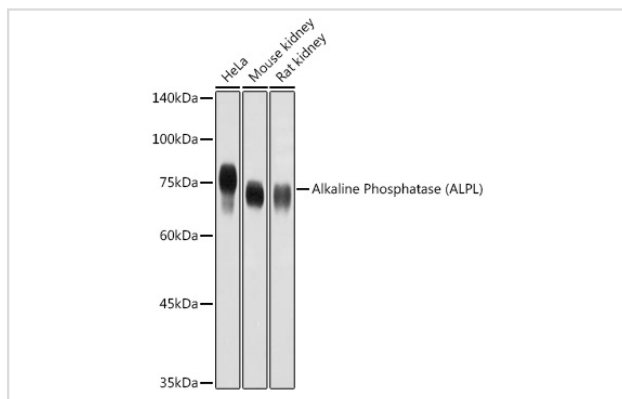
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

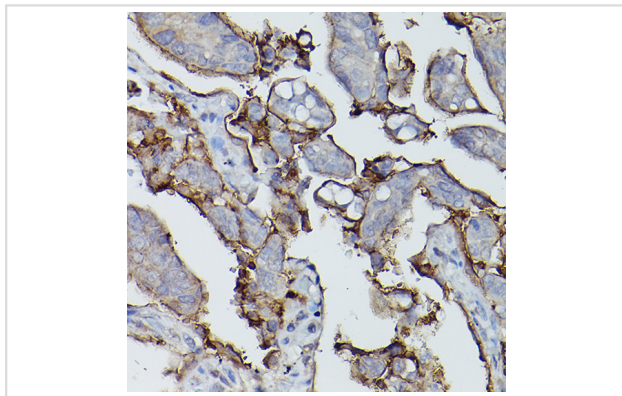
Images



Immunohistochemistry of paraffin-embedded human colon carcinoma using Alkaline Phosphatase (ALPL) Rabbit pAb.



Western blot analysis of extracts of various cell lines, using Alkaline Phosphatase (ALPL) antibody.



Immunohistochemistry of paraffin-embedded human lung cancer using Alkaline Phosphatase (ALPL) Rabbit pAb.

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.

Published Papers

el at., Surface mineralized biphasic calcium phosphate ceramics loaded with urine-derived stem cells are effective in bone regeneration. In J Orthop Surg Res on 2019 Dec 9 by Xing , Li L, et al..PMID:31818319, (2019)

[PMID:31818319](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.