ALPP Antibody

Catalog No: #36256

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

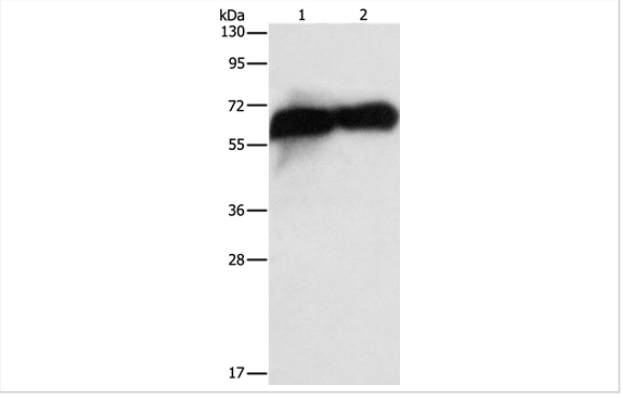
Product Name	ALPP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ALPP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human alkaline phosphatase, placental
Target Name	ALPP
Other Names	ALP; PALP; PLAP; PLAP-1
Accession No.	Swiss-Prot#: P05187NCBI Gene ID: 250Gene Accssion: BC009647
Uniprot	P05187
GeneID	250;
SDS-PAGE MW	58kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

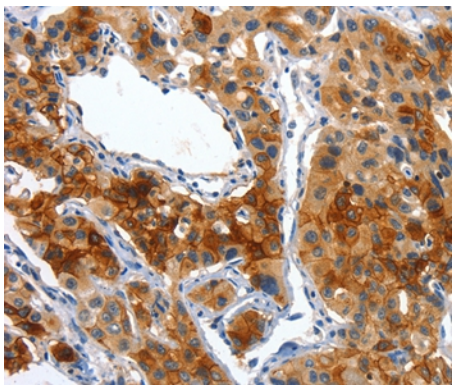
Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 15%SDS-PAGE
Lysates (from left to right): HepG2 cell and human placenta tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/1450 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36256 at dilution 1/50.

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, also referred to as the heat stable form, that is expressed primarily in the placenta although it is closely related to the intestinal form of the enzyme as well as to the placental-like form. The coding sequence for this form of alkaline phosphatase is unique in that the 3' untranslated region contains multiple copies of an Alu family repeat. In addition, this gene is polymorphic and three common alleles (type 1, type 2 and type 3) for this form of alkaline phosphatase have been well characterized.

Note: This product is for in vitro research use only