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anti-PLAP antibody





Overview

Quantity:	200 μL
Target:	PLAP (ALPP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human ALPP (NP_001623.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PLAP (ALPP)
Alternative Name:	ALPP (ALPP Products)
Background:	The protein encoded by this gene is an alkaline phosphatase, a metalloenzyme that catalyzes
	the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of
	four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a
	catalytic site containing one magnesium and two zinc ions, which are required for its enzymatic

Target Details

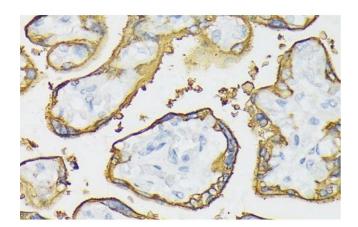
	function. The protein is primarily expressed in placental and endometrial tissue, however, strong ectopic expression has been detected in ovarian adenocarcinoma, serous cystadenocarcinoma, and other ovarian cancer cells.
Molecular Weight:	Observed_MW: 70 kDa Calculated_MW: 57 kDa
Gene ID:	250
UniProt:	P05187

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only

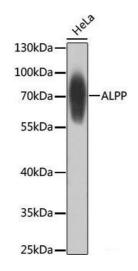
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human placenta using ALPP Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells using ALPP Polyclonal Antibody at dilution of 1:1000.