10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Placental alkaline phosphatase (PLAP) Antibody

Rabbit mAb
Catalog # AP91509

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P05187
Reactivity	Human
Clonality	Monoclonal
Other Names	Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; ALPP; PLAP;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	57954

Additional Information

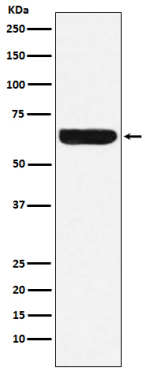
Dilution	WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Placental alkaline phosphatase (PLAP)
Description	PLAP may assist in guiding migratory cells and transporting specific molecules, such as fatty acids and immunoglobulins, across the plasma membrane. The three tissue-specific APs identified in human, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous and their genes are clustered on chromosome 2q.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ALPP (HGNC:439)
Function	Alkaline phosphatase that can hydrolyze various phosphate compounds.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	Detected in placenta (at protein level).

Images

Western blot analysis of Placental alkaline phosphatase (PLAP) expression in HeLa cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.