



PPBI Polyclonal Antibody

Catalog No	YP-Ab-07702
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ALPI
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PPBI Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IAP;PPBI_HUMAN;ALPI;Intestinal alkaline phosphatase;3.1.3.1;alkaline phosphatase;intestinal;PPBI;Intestinal-type alkaline phosphatase (IAP) (Intestinal alkaline phosphatase) (EC 3.1.3.1)
Observed Band	65 kDa
Calculated Molecular Weight	53 kDa
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor .
Tissue Specificity	Epithelium,
Function	catalytic activity:A phosphate monoester + H(2)O = an alcohol + phosphate., cofactor: Binds 1 magnesium ion.,cofactor: Binds 2 zinc ions.,miscellaneous: In most mammals there are four different isozymes: placental, placental-like, intestinal and tissue non-specific (liver/bone/kidney).,online information: Alkaline phosphatase entry,similarity: Belongs to the alkaline phosphatase family., subunit: Homodimer.,
Background	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought

to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut. [provided by RefSeq, Dec 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images