Immunoway
Best Tools for immunology Research

PPBN Polyclonal Antibody

Catalog No :	YN0278
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	PPBN
Fields :	>>Thiamine metabolism;>>Folate biosynthesis;>>Metabolic pathways;>>Biosynthesis of cofactors
Gene Name :	ALPPL2 ALPPL
Protein Name :	Alkaline phosphatase, placental-like (EC 3.1.3.1) (ALP-1) (Alkaline phosphatase Nagao isozyme) (Germ cell alkaline phosphatase) (GCAP) (Placental alkaline phosphatase-like) (PLAP-like)
Human Gene Id :	251
Human Swiss Prot No :	P10696
Mouse Swiss Prot No :	P24823
Immunogen :	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity :	PPBN Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	58kD
Cell Pathway :	Folate biosynthesis;
Background :	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The product of this gene is a membrane bound glycosylated enzyme, localized to testis, thymus and certain germ cell tumors, that is closely related to both the placental and intestinal forms of alkaline phosphatase. [provided by RefSeq, Jul 2008],
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).,similarity:Belongs to the alkaline phosphatase family.,subunit:Homodimer.,tissue specificity:Trace amounts in the testis and thymus, and in elevated amounts in germ cell tumors.,
Subcellular Location :	Cell membrane; Lipid-anchor, GPI-anchor.
Expression :	Trace amounts in the testis and thymus, and in elevated amounts in germ cell tumors.

Products Images