KLOTB Polyclonal Antibody

Catalog No	YP-Ab-06937
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	KLB
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	KLOTB 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	BKL;KLB;KLOTB;Beta-klotho (BKL) (BetaKlotho) (Klotho beta-like protein)
Observed Band	120kDa
Calculated Molecular Weight	120kDa
Cell Pathway	Cell membrane ; Single-pass type III membrane protein .
Tissue Specificity	Liver,Testis,
Function	domain:Contains 2 glycosyl hydrolase 1 regions. However, the first region lacks the essential Glu active site residue at position 241, and the second one lacks the essential Glu active site residue at position 889. These domains are therefore predicted to be inactive.,function:Contributes to the transcriptional repression of cholesterol 7-alpha-hydroxylase (CYP7A1), the rate-limiting enzyme in bile acid synthesis. Probably inactive as a glycosidase. Increases the ability of FGFR1 and FGFR4 to bind FGF21.,similarity:Belongs to the glycosyl hydrolase 1 family.,similarity:Belongs to the glycosyl hydrolase 1 family. Klotho subfamily.,subunit:Interacts with FGFR1 and FGFR4.,

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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