

KLOTB Rabbit pAb

CatalogNo: YN2074

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 114kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity KLOTB Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name KLB

Protein Name	Beta-klotho (BKL) (BetaKlotho) (Klotho beta-like protein)		
	Organism	Gene ID	UniProt ID
	Human	152831 ;	Q86Z14 ;
	Mouse		Q99N32 ;
Cellular Localization	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.,		

| Validation Data

| Contact information

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