

CyPB Rabbit pAb

CatalogNo: YT5436

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 24kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:20000

Not yet tested in other applications.

| 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 The antiserum was produced against synthesized peptide derived from the C-terminal region of human PPIB. AA range:151-200

Specificity CyPB Polyclonal Antibody detects endogenous levels of CyPB protein.

| Target Information

Gene name	PIIB		
Protein Name	Peptidyl-prolyl cis-trans isomerase B		
	Organism	Gene ID	UniProt ID
	Human	5479 ;	P23284 ;
	Mouse	19035 ;	P24369 ;
	Rat	64367 ;	P24368 ;
Cellular Localization	Virion . (Microbial infection).; Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .		
Tissue specificity	Brain,Fetal brain cortex,Prostate,Skin,		
Function	Catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,Caution:It is uncertain whether Met-1 or Met-9 is the initiator.,enzyme regulation:Cyclosporin A (CsA) inhibits CYPB.,Function:PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,similarity:Belongs to the cyclophilin-type PPlase family. PPlase B subfamily.,similarity:Contains 1 PPlase cyclophilin-type domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,		

| Validation Data

| Contact information

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