

FKB1A Rabbit pAb

CatalogNo: YN2893

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 11kD (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 AA range: 1-50

Specificity

FKB1A Polyclonal Antibody detects endogenous levels of protein.

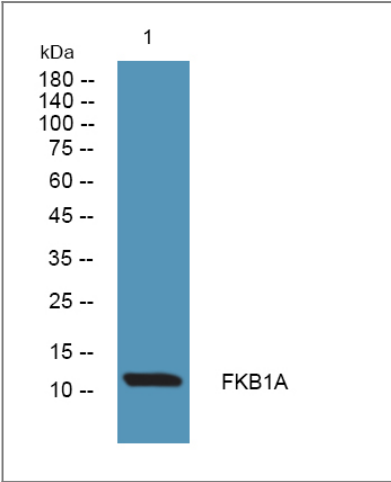
Target Information

Gene name

FKBP1A FKBP1 FKBP12

Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1A (PPlase FKBP1A) (12 kDa FK506-binding protein) (12 kDa FKBP) (FKBP-12) (Calstabin-1) (FK506-binding protein 1A) (FKBP-1A) (Immunophilin FKBP12) (Rotamase)		
	Organism	Gene ID	UniProt ID
	Human	2280;	P62942;
	Mouse		P26883;
	Rat		Q62658;
Cellular Localization	Cytoplasm, cytosol . Sarcoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side .		
Tissue specificity	Lung,PCR rescued clones,Placenta,Platelet,		
Function	Catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0)„enzyme regulation:Inhibited by both FK506 and rapamycin„Function:May play a role in modulation of ryanodine receptor isoform-1 (RYR-1), a component of the calcium release channel of skeletal muscle sarcoplasmic reticulum. There are four molecules of FKBP12 per skeletal muscle RYR. PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides„similarity:Belongs to the FKBP-type PPlase family„similarity:Belongs to the FKBP-type PPlase family. FKBP1 subfamily„similarity:Contains 1 PPlase FKBP-type domain„		

Validation Data



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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FKB1A Rabbit pAb

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