

For Research Use Only

FKBP1A Recombinant antibody

Catalog Number: 86249-1-RR



Basic Information

Catalog Number: 86249-1-RR	GenBank Accession Number: BC001925	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2280	CloneNo.: 250923G12
Source: Rabbit	UNIPROT ID: P62942	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: FK506 binding protein 1A, 12kDa	
Immunogen Catalog Number: AG0406	Calculated MW: 12 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue, U-87 MG cells, PANC-1 cells, Neuro-2a cells, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

FKBP1A(FK506-binding protein 1A) is also named as FKBP1, FKBP12 and belongs to the FKBP-type PPIase family. It keeps in an inactive conformation TGFBR1, the TGF-beta type I serine/threonine kinase receptor, preventing TGF-beta receptor activation in absence of ligand and catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Storage

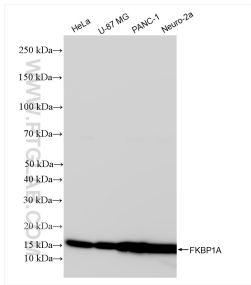
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

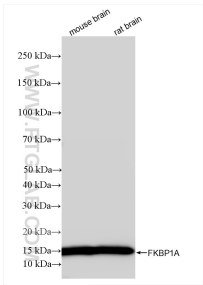
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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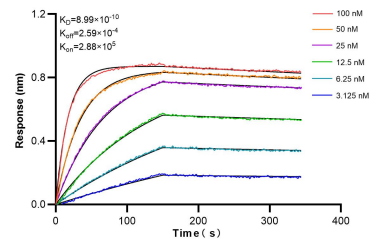
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86249-1-RR (FKBP1A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 86249-1-RR against Human FKBP1A were performed. The affinity constant is 0.899 nM.