

For Research Use Only

FKBP1A Recombinant antibody

Catalog Number: 86249-1-RR



Basic Information

Catalog Number:

86249-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0406

GenBank Accession Number:

BC001925

GeneID (NCBI):

2280

UNIPROT ID:

P62942

Full Name:

FK506 binding protein 1A, 12kDa

Calculated MW:

12 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

250923G12

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, U-87 MG cells, PANC-1 cells, Neuro-2a cells, rat brain tissue

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

For technical support and original validation data for this product please contact:

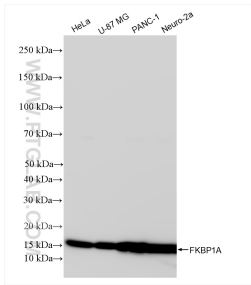
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E: Proteintech-CN@ptglab.com

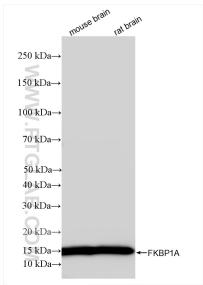
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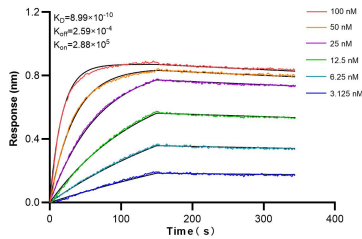
Selected Validation Data



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.