

For Research Use Only

LRFN5 Recombinant antibody

Catalog Number:83880-5-RR



Basic Information

Catalog Number:

83880-5-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22152

GenBank Accession Number:

BC043165

GeneID (NCBI):

145581

UNIPROT ID:

Q96NI6

Full Name:

leucine rich repeat and fibronectin type III domain containing 5

Calculated MW:

719 aa, 79 kDa

Observed MW:

79 kDa

Purification Method:

Protein A purification

CloneNo.:

241060F5

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse heart tissue, rat heart tissue

Background Information

Leucine-rich repeat and fibronectin type-III domain-containing protein 5(LRFN5), belongs to a family of five small transmembrane protein genes involved in the development, organization, and plasticity of synapses. LRFN5 has another synonym which stands for synaptic adhesion-like molecule 5 (SALM5). SALMs are newly characterized adhesion molecules predominantly expressed in the brain contributing to neurite outgrowth and synapse formation. (PMID: 37280213)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

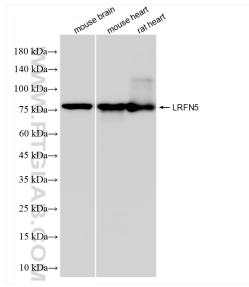
T: 4006900926

E: Proteintech-CN@ptglab.com

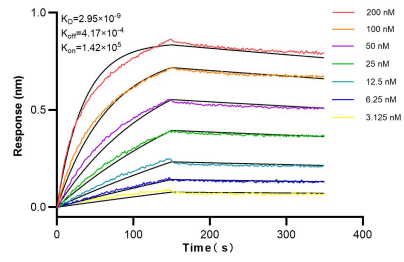
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83880-5-RR (LRFN5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83880-5-RR against Human LRFN5 were performed. The affinity constant is 2.95 nM.