

For Research Use Only

# LRFN5 Recombinant antibody

Catalog Number: 83880-5-RR



## Basic Information

### Catalog Number:

83880-5-RR

### Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

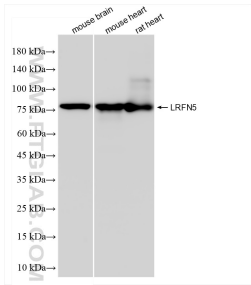
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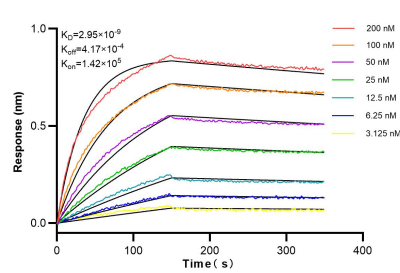
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## Selected Validation Data



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.