

For Research Use Only

# LRFN5 Recombinant antibody, PBS Only

Catalog Number: 83880-5-PBS



## Basic Information

Catalog Number:

83880-5-PBS

Size:

100ug, Concentration: 1 mg/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

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

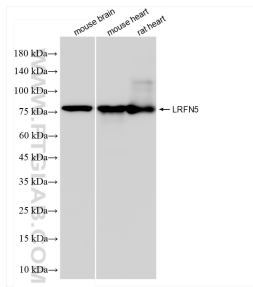
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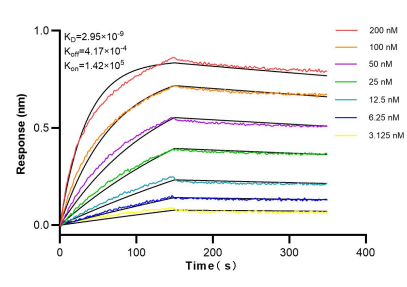
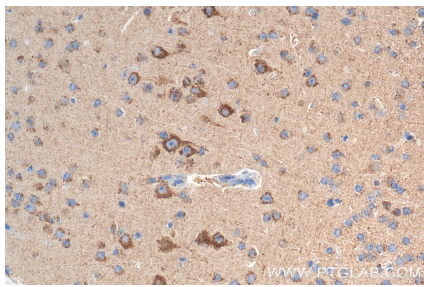
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## Selected Validation Data



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. This data was developed using the same antibody clone with 83880-5-PBS in a different storage buffer formulation.



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