

For Research Use Only

# LHFPL4 Polyclonal antibody

Catalog Number: 21094-1-AP



## Basic Information

Catalog Number:

21094-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15349

GenBank Accession Number:

BC113964

GeneID (NCBI):

375323

UNIPROT ID:

Q7Z7J7

Full Name:

lipoma HMGIC fusion partner-like 4

Calculated MW:

247 aa, 27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse heart tissue,

## Background Information

LHFPL4, or Lipoma HMGIC Fusion Partner-Like 4, is a member of the tetraspanin superfamily of transmembrane proteins. LHFPL4 interacts tightly with GABAAR subunits and is selectively enriched at inhibitory synapses. It is important for GABAAR clustering both in vitro and in vivo, and it is required for surface clustering but not the trafficking of GABAARs (PMID: 28978485).

## 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

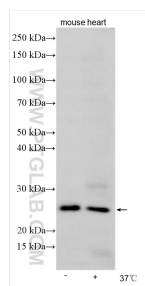
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21094-1-AP (LHFPL4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.