

For Research Use Only

LHFPL4 Polyclonal antibody

Catalog Number: 21094-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 21094-1-AP | GenBank Accession Number: BC113964 | Purification Method: Antigen Affinity purified |
| Size: 300 ug/ml | GeneID (NCBI): 375323 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: Q7Z7J7 | |
| Isotype: IgG | Full Name: lipoma HMGIC fusion partner-like 4 | |
| Immunogen Catalog Number: AG15349 | Calculated MW: 247 aa, 27 kDa | |
| | Observed MW: 27 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : mouse heart tissue, |
| Species Specificity: human, mouse | |

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

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

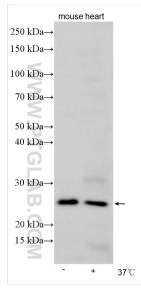
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.