

For Research Use Only

CLPTM1 Polyclonal antibody, PBS Only

Catalog Number: 15337-1-PBS



Basic Information

Catalog Number:

15337-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7538

GenBank Accession Number:

BC004865

GeneID (NCBI):

1209

UNIPROT ID:

O96005

Full Name:

cleft lip and palate associated
transmembrane protein 1

Calculated MW:

62 kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Cleft lip and palate transmembrane protein 1 (CLPTM1), a multipass transmembrane protein, was identified due to the association of a chromosomal translocation with a cleft lip and palate (PMID: 9828125). CLPTM1 regulates epileptic seizures by modulating GABAAR-mediated inhibitory synaptic transmission (PMID: 36519412). Highly expressed CLPTM1L may contribute to a poor prognosis and increase invasion, proliferation and migration of oral squamous cell carcinoma (PMID: 34586883).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

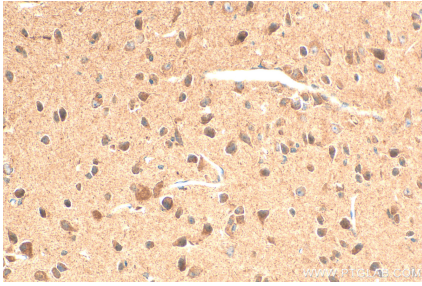
T: 4006900926

E: Proteintech-CN@ptglab.com

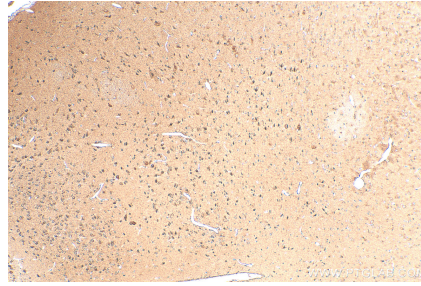
W: ptgcn.com

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

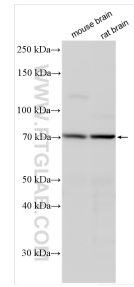
Selected Validation Data



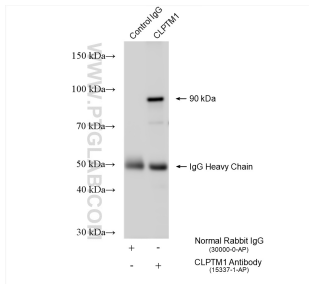
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15337-1-AP (CLPTM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15337-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15337-1-AP (CLPTM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15337-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 15337-1-AP (CLPTM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15337-1-PBS in a different storage buffer formulation.



IP result of anti-CLPTM1 (IP:15337-1-AP, 4ug; Detection:15337-1-AP 1:300) with A549 cells lysate 1050 ug. This data was developed using the same antibody clone with 15337-1-PBS in a different storage buffer formulation.