

For Research Use Only

UNC79 Recombinant antibody, PBS Only

Catalog Number: 84642-1-PBS



Basic Information

Catalog Number:

84642-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35440

GenBank Accession Number:

NM_020818.4

GeneID (NCBI):

57578

UNIPROT ID:

Q9P2D8

Full Name:

KIAA1409

Calculated MW:

295 kDa

Purification Method:

Protein A purification

CloneNo.:

241628A7

Applications

Tested Applications:

IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

UNC79 is one of the key auxiliary subunits of the NALCN channel complex. Together with NALCN, FAM155A, and UNC80, it constitutes the NALCN channel body and is essential for maintaining neuronal excitability, motor function, pain sensitivity, and circadian rhythm (PMID: 35387979).

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:

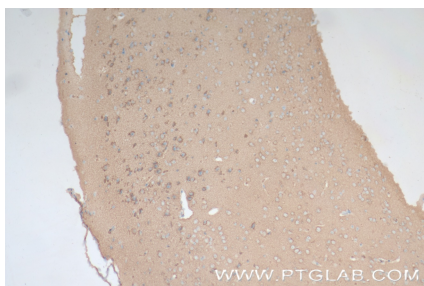
T: 4006900926

E: Proteintech-CN@ptglab.com

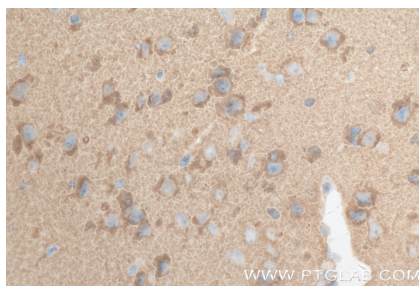
W: ptgcn.com

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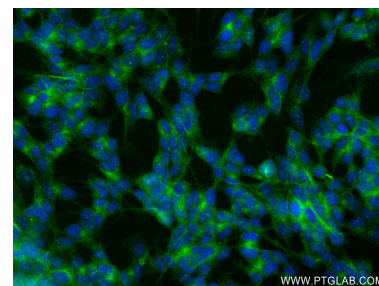
Selected Validation Data



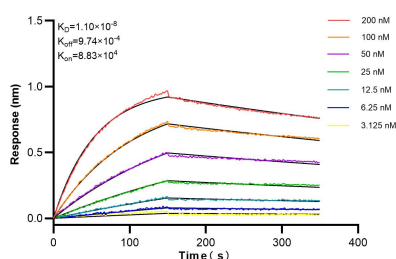
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84642-1-RR (UNC79 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84642-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84642-1-RR (UNC79 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 84642-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using UNC79 antibody (84642-1-RR, Clone: 241628A7) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84642-1-PBS in a different storage buffer formulation.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 84642-1-RR against Human UNC79 were performed. The affinity constant is 11 nM.