

For Research Use Only

UNC79 Recombinant antibody, PBS Only

Catalog Number: 84642-1-PBS



Basic Information

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|--|---|---|
| Catalog Number: 84642-1-PBS | GenBank Accession Number: NM_020818.4 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 57578 | CloneNo.: 241628A7 |
| Source: Rabbit | UNIPROT ID: Q9P2D8 | |
| Isotype: IgG | Full Name: KIAA1409 | |
| Immunogen Catalog Number: AG35440 | Calculated MW: 295 kDa | |

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

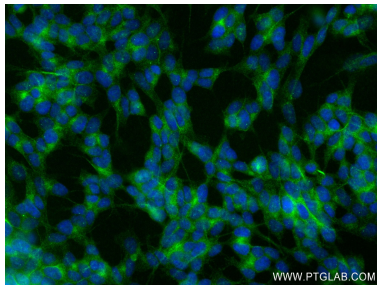
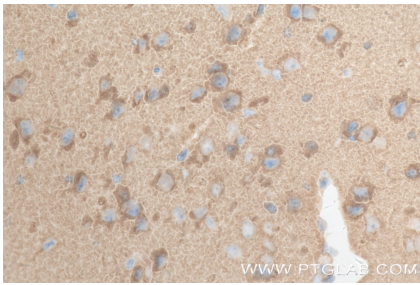
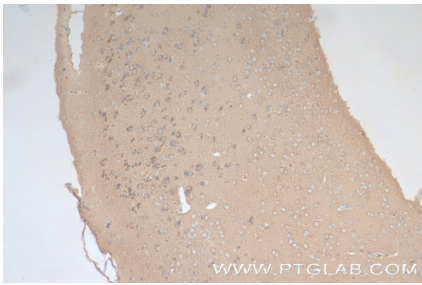
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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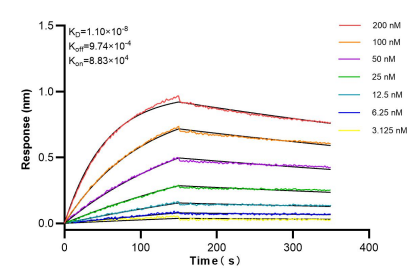
Selected Validation Data



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.



Biolayer interferometry (BLI) kinetic assays of 84642-1-RR against Human UNC79 were performed. The affinity constant is 11 nM.