

For Research Use Only

CELSR3 Polyclonal antibody

Catalog Number: 28835-1-AP



Basic Information

Catalog Number:

28835-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28746

GenBank Accession Number:

NM_001407

GeneID (NCBI):

1951

UNIPROT ID:

Q9NYQ7

Full Name:

cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila)

Calculated MW:

358 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF-P 1:50-1:500

Applications

Tested Applications:

IF-P, IHC, ELISA

Species Specificity:

Human, Mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC: mouse cerebellum tissue,

IF-P: mouse cerebellum tissue,

Background Information

Atypical cadherin Celsr3 plays critical roles during brain development, in collaboration with Fzd3. Celsr3 is required for postnatal cerebellar Purkinje cell maturation and synaptic plasticity, which has potential implications in neural disorders implicating the cerebellum.

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:

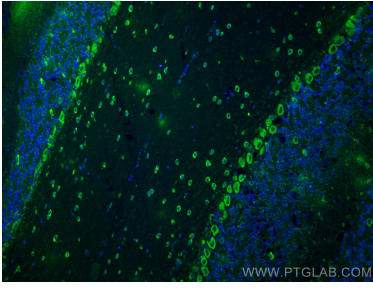
T: 4006900926

E: Proteintech-CN@ptglab.com

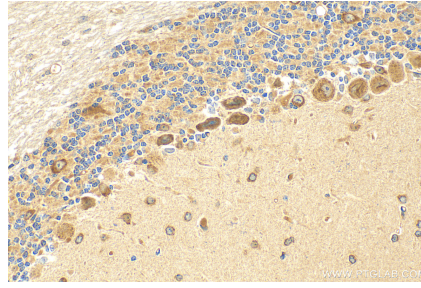
W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using CELSR3 antibody (28835-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 28835-1-AP (CELSR3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).