

For Research Use Only

CCDC39 Polyclonal antibody

Catalog Number: 29817-1-AP



Basic Information

Catalog Number:

29817-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31067

GenBank Accession Number:

NM_181426

GeneID (NCBI):

339829

UNIPROT ID:

Q9UFE4

Full Name:

coiled-coil domain containing 39

Calculated MW:

110 kDa

Observed MW:

110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF-P : mouse brain tissue,

Background Information

CCDC39 (Coiled-coil domain-containing protein 39) is an axonemal protein whose absence results in failure to correctly assemble DNALI1-containing inner dynein arm complexes, the DRC (dynein regulatory complex) and the radial spokes, thereby causing axonemal disorganization and dyskinetic beating. Alternatively, CCDC39 could participate in the transport of the inner dynein arms and DRC (PMID: 21131972). Its calculated molecular weight and observed molecular weight are both 110kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

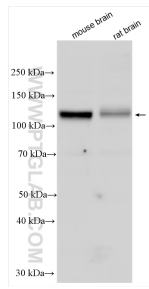
T: 4006900926

E: Proteintech-CN@ptglab.com

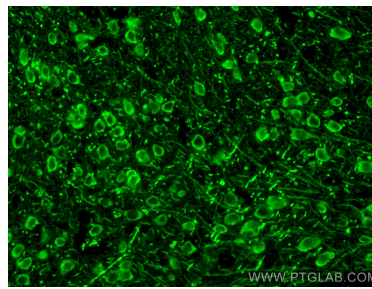
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29817-1-AP (CCDC39 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CCDC39 antibody (29817-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).