

For Research Use Only

# CCDC39 Polyclonal antibody, PBS Only

Catalog Number: 29817-1-PBS



## Basic Information

Catalog Number:

29817-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

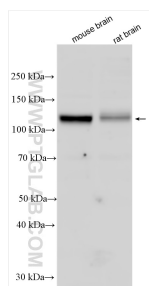
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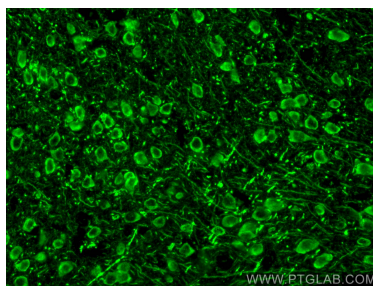
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## Selected Validation Data



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. This data was developed using the same antibody clone with 29817-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29817-1-PBS in a different storage buffer formulation.