

For Research Use Only

CCDC39 Polyclonal antibody

Catalog Number: 29817-1-AP



Basic Information

Catalog Number: 29817-1-AP	GenBank Accession Number: NM_181426	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 339829	Recommended Dilutions: WB 1:500-1:2000 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UFE4	
Isotype: IgG	Full Name: coiled-coil domain containing 39	
Immunogen Catalog Number: AG31067	Calculated MW: 110 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

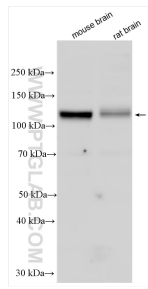
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

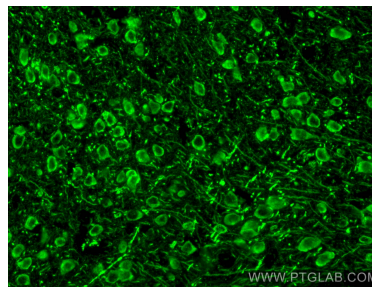
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).