

For Research Use Only

# CCDC39 Polyclonal antibody

Catalog Number: 29817-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> 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

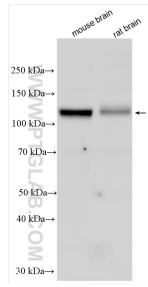
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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.