

For Research Use Only

# CCDC89 Polyclonal antibody

Catalog Number:32099-1-AP



## Basic Information

<b>Catalog Number:</b> 32099-1-AP	<b>GenBank Accession Number:</b> BC044814	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 220388	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N998	
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 89	
<b>Immunogen Catalog Number:</b> AG36782	<b>Observed MW:</b> 40 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

CCDC89 (Coiled-coil domain-containing protein 89) is a type II transmembrane protein containing a typical coiled-coil domain, primarily localized to the Golgi apparatus and intracellular vesicle membranes. Its function has not yet been fully elucidated, but studies suggest that it acts as a "molecular scaffold" by mediating protein-protein interactions, playing roles in vesicular trafficking, cytoskeletal organization, and the assembly of multiprotein complexes, thereby maintaining cellular structural integrity and coordinating signal transduction. Currently, CCDC89 is emerging as a novel biomarker and potential therapeutic target bridging membrane trafficking, protein homeostasis, tumor biology, and reproductive medicine.

## 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

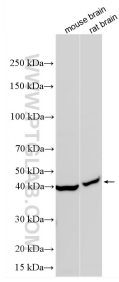
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32099-1-AP (CCDC89 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.