

For Research Use Only

CCDC89 Polyclonal antibody

Catalog Number: 32099-1-AP



Basic Information

Catalog Number: 32099-1-AP	GenBank Accession Number: BC044814	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 220388	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: Q8N998	
Immunogen Catalog Number: AG36782	Full Name: coiled-coil domain containing 89	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: 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

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

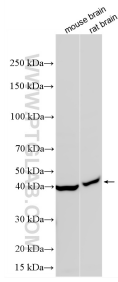
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Selected Validation Data



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.