

For Research Use Only

CCDC88A Polyclonal antibody

Catalog Number:33569-1-AP



Basic Information

Catalog Number: 33569-1-AP	GenBank Accession Number: BC132736	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 55704	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: Q3V6T2	
Immunogen Catalog Number: AG37983	Full Name: coiled-coil domain containing 88A	
	Observed MW: 220 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells,
Species Specificity: human	

Background Information

CCDC88A, also named as APE, GRDN and KIAA1212, belongs to the CCDC88 family. CCDC88A enhances phosphoinositide 3-kinase (PI3K)-dependent phosphorylation and kinase activity of AKT1/PKB, but does not possess kinase activity itself. Phosphorylation of AKT1/PKB thereby it induces the phosphorylation of downstream effectors GSK3 and FOXO1/FKHR, and regulates DNA replication and cell proliferation. CCDC88A is essential for the integrity of the actin cytoskeleton and for cell migration. It is required for formation of actin stress fibers and lamellipodia. It may be involved in membrane sorting in the early endosome.

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:

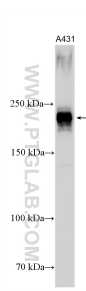
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33569-1-AP (CCDC88A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.