

For Research Use Only

# CCDC88A-Specific Polyclonal antibody



Catalog Number: 20060-1-AP

## Basic Information

<b>Catalog Number:</b> 20060-1-AP	<b>GenBank Accession Number:</b> NM_001135597	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 253 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55704	
<b>Source:</b> Rabbit	<b>Full Name:</b> coiled-coil domain containing 88A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 216 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## 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. The antibody is specific to CCDC88A.

## 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