

CCDC88A-Specific Polyclonal antibody

Catalog Number: 20060-1-AP

Basic Information

Catalog Number:

20060-1-AP

Size:

250 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001135597

GeneID (NCBI):

55704

UNIPROT ID:

Q3V6T2

Full Name:

coiled-coil domain containing 88A

Calculated MW:

216 kDa

Purification Method:

Antigen affinity purification

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

