

Rabbit anti-Human CCDC88A Polyclonal Antibody | anti-CCDC88A antibody

Rabbit anti-CCDC88A Antibody, Affinity Purified

CATALOG # AAA212111	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CCDC88A; Polyclonal Antibody; Rabbit anti-CCDC88A Antibody; Affinity Purified; GIRDIN; KIAA1212; PEHO; Hook-related protein 1; HkRP1; GRDN; GIV; girders of actin filament; g alpha-interacting vesicle-associated protein; Coiled-coil domain-containing protein 88A; APE; AKT-phosphorylation enhancer; Akt phosphorylation enhancer; PEHOL; girders of actin filaments; Girdin; coiled-coil domain containing 88A; anti-CCDC88A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CCDC88A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 1425 and 1475
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CCDC88A by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CCDC88A antibody AAA212111 (lot AAA212111-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CCDC88A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CCDC88A antibody AAA212111 (lot AAA212111-1) used for IP at 6 ug per reaction. CCDC88A was also immunoprecipitated by rabbit anti-CCDC88A antibody For blotting immunoprecipitated CCDC88A, AAA212111 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC88A antibody	CCDC88A encodes the protein known as GIV (G alpha-interacting vesicle-associated protein) and Girdin. CCDC88A plays a role as a key modulator of the AKT-mTOR signaling pathway controlling the tempo of the process of newborn neurons integration during adult neurogenesis, including correct neuron positioning, dendritic development and synapse formation. CCDC88A Enhances phosphoinositide 3-kinase (PI3K)-dependent phosphorylation and kinase activity of AKT1/PKB, but does not possess kinase activity itself. CCDC88A has also been found to be essential for the integrity of the actin cytoskeleton and for cell migration. It is required for formation of actin stress fibers and lamellipodia, and it may be involved in membrane sorting in the early endosome [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q3V6T2].
Product Categories/Family for anti-CCDC88A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	208022632
NCBI GeneID	55704
NCBI Accession #	NP_001129069.1
NCBI GenBank Nucleotide #	NM_001135597.1
UniProt Accession #	Q3V6T2 ; Q53SF1 ; Q581G3 ; Q5HYD0 ; Q7Z339 ; Q7Z3C5 ; A1IGE7 ; B7ZM78 ; C9JG83
Molecular Weight	216,042 Da
NCBI Official Full Name	girdin isoform 1
NCBI Official Synonym Full Names	coiled-coil domain containing 88A
NCBI Official Symbol	CCDC88A
NCBI Official Synonym Symbols	APE; GIV; GRDN; HkRP1; GIRDIN; KIAA1212
NCBI Protein Information	girdin; Hook-related protein 1; girders of actin filament; girders of actin filaments; AKT-phosphorylation enhancer; g alpha-interacting vesicle-associated protein
UniProt Protein Name	Girdin
UniProt Gene Name	CCDC88A
UniProt Synonym Gene Names	APE; GRDN; KIAA1212; APE; GIV; HkRP1
UniProt Entry Name	GRDN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccdc88a-antibody-immunoprecipitation-western-blot-elisa/212111>