

Rabbit Girdin Polyclonal Antibody | anti-CCDC88A antibody

Girdin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40160	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

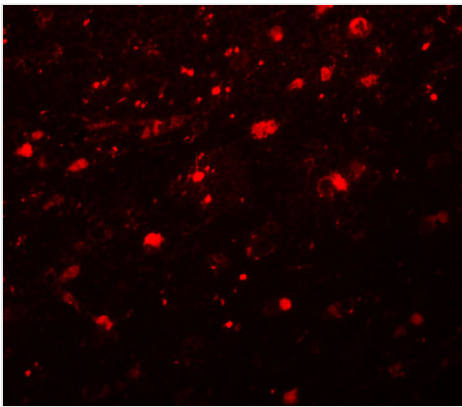
PRODUCT SYNONYMS

Girdin; Polyclonal Antibody; Girdin Antibody; APE; GIV; GRDN; HKRP1; GIRDIN; KIAA1212; Akt phosphorylation enhancer; coiled-coil domain containing 88A; anti-CCDC88A antibody

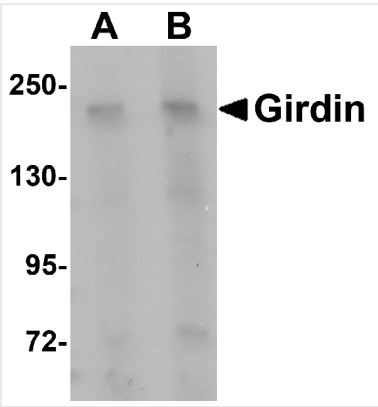
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Girdin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1843
Applicable Applications for anti-CCDC88A antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Girdin antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus human Girdin.
Buffer	Girdin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Girdin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of Girdin in human brain tissue with Girdin antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of Girdin in rat brain tissue lysate with Girdin antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC88A antibody	Girdin Antibody: Girdin is a Galpha-interacting protein that can enhance the activation of the protein kinase Akt, remodel the actin cytoskeleton, and is thought to be involved in the regulation of cell migration and cancer metastasis. It has recently been shown that Girdin interacts with Disrupted-in-Schizophrenia 1 (DISC1), a susceptibility gene for major psychiatric disorders. DISC1 is thought to be involved in the migration, positioning and differentiation of dentate granule cells (DGCs) during development; depletion of Girdin or blocking the Girdin-DISC1 interaction results in defects in axonal sprouting in the CA3 region of the hippocampus and overextended migration of mispositioning of DGCs, suggesting the Girdin plays a role in postnatal neurogenesis in the dentate gyrus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50897852
NCBI GeneID	55704
NCBI Accession #	NP_060554
NCBI GenBank Nucleotide #	NM_018084.4
UniProt Accession #	Q3V6T2; Q53SF1; Q581G3; Q5HYD0; Q7Z339; Q7Z3C5; A1IGE7; B7ZM78; C9JG83
Molecular Weight	207,797 Da
NCBI Official Full Name	girdin isoform 2
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; 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.

