

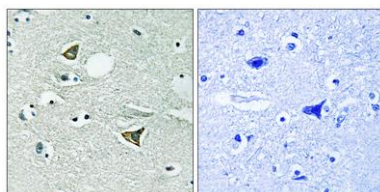
Girdin rabbit pAb

Cat#: orb769624 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Girdin rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Girdin. AA range:1383-1432
Specificity	Girdin Polyclonal Antibody detects endogenous levels of Girdin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Girdin
Gene Name	CCDC88A
Cellular localization	Cell membrane ; Peripheral membrane protein . Cytoplasm, cytosol . Cytoplasmic vesicle . Cell projection, lamellipodium . Cytoplasm, cytoskeleton, cilium basal body . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Localizes to the cytosol in unstimulated cells while EGF stimulation promotes membrane localization and guanine nucleotide exchange factor activity (PubMed:27864364). Localizes to the cell membrane through interaction with phosphoinositides (PubMed:16139227, PubMed:15882442). .

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	55704
Human Swiss-Prot Number	Q3V6T2
Alternative Names	CCDC88A; APE; GRDN; KIAA1212; Girdin; Akt phosphorylation enhancer; APE; Coiled-coil domain-containing protein 88A; G alpha-interacting vesicle-associated protein; GIV; Girders of actin filament; Hook-related protein 1; HkRP1
Background	This gene encodes a member of the Girdin family of coiled-coil domain containing proteins. The encoded protein is an actin-binding protein that is activated by the serine/threonine kinase Akt and plays a role in cytoskeleton remodeling and cell migration. The encoded protein also enhances Akt signaling by mediating phosphoinositide 3-kinase (PI3K)-dependent activation of Akt by growth factor receptor tyrosine kinases and G protein-coupled receptors. Increased expression of this gene and phosphorylation of the encoded protein may play a role in cancer metastasis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Girdin Antibody. The picture on the right is blocked with the synthesized peptide.