



CCDC88A blocking peptide (CDBP5482)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CCDC88A coiled-coil domain containing 88A [Homo sapiens (human)]
Official Symbol	CCDC88A
Synonyms	CCDC88A; coiled-coil domain containing 88A; APE; GIV; GRDN; HkRP1; GIRDIN; KIAA1212; girdin; Hook-related protein 1; girders of actin filament; girders of actin filaments; AKT-

phosphorylation enhancer; g alpha-interacting vesicle-associated protein

Entrez Gene ID	55704
mRNA Refseq	NM_001135597
Protein Refseq	NP_001129069
UniProt ID	Q3V6T2
Function	actin binding; microtubule binding; phosphatidylinositol binding; protein homodimerization activity; protein kinase B binding