



# Human CCDC88A blocking peptide (CDBP1365)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-Girdin antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCDC88A coiled-coil domain containing 88A [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCDC88A
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">55704</a>
<b>mRNA Refseq</b>	<a href="#">NM_001135597.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001129069.1</a>
<b>UniProt ID</b>	O14997
<b>Chromosome Location</b>	2p16.1
<b>Function</b>	actin binding; microtubule binding; phosphatidylinositol binding; protein homodimerization activity; protein kinase B binding;