



# Human CCDC88A blocking peptide (CDBP1365)

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

## PRODUCT INFORMATION

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| <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

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|----------------------------|---|
| <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;  |

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