



CCDC88A blocking peptide (CDBP5482)

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

PRODUCT INFORMATION

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| 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

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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
