



## AGAP2 blocking peptide (CDBP5920)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">AGAP2 ArfGAP with GTPase domain, ankyrin repeat and PH domain 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	AGAP2
<b>Synonyms</b>	AGAP2; ArfGAP with GTPase domain, ankyrin repeat and PH domain 2; PIKE; GGAP2; CENTG1; arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2; cnt-g1; centaurin, gamma 1; phosphoinositide 3-kinase enhancer; phosphatidylinositol 3-kinase enhancer; phosphatidylinositol-3-kinase enhancer; GTP-binding and GTPase activating protein

2; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2

<b>Entrez Gene ID</b>	<a href="#">116986</a>
<b>mRNA Refseq</b>	<a href="#">NM_001122772</a>
<b>Protein Refseq</b>	<a href="#">NP_001116244</a>
<b>UniProt ID</b>	Q99490
<b>Pathway</b>	Axon guidance; Developmental Biology; Endocytosis; FoxO signaling pathway; Netrin-1 signaling; Prolactin Signaling Pathway; Trk receptor signaling mediated by PI3K and PLC-gamma
<b>Function</b>	ARF GTPase activator activity; GTP binding; protein binding; zinc ion binding