



# Human CADPS blocking peptide (CDBP0675)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-CAPS1 antibody
<b>Antigen Description</b>	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca <sup>2+</sup> -regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P <sub>2</sub> ). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]
<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="#">CADPS Ca<sup>++</sup>-dependent secretion activator [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CADPS

<b>Synonyms</b>	CADPS; Ca <sup>++</sup> -dependent secretion activator; CAPS; CAPS1; CADPS1; calcium-dependent secretion activator 1; CAPS-1; Ca <sup>2+</sup> -dependent secretion activator; Ca <sup>2+</sup> -regulated cytoskeletal protein; Ca <sup>2+</sup> -dependent activator protein for secretion; calcium-dependent activator protein for secretion 1;
<b>Entrez Gene ID</b>	<a href="#">8618</a>
<b>mRNA Refseq</b>	<a href="#">NM_003716.3</a>
<b>Protein Refseq</b>	<a href="#">NP_003707.2</a>
<b>UniProt ID</b>	Q9ULU8
<b>Chromosome Location</b>	3p14.2
<b>Function</b>	lipid binding; metal ion binding; protein binding;