



Human CADPS blocking peptide (CDBP0674)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-CAPS1 antibody
Antigen Description	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca ²⁺ -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 ₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	CADPS Ca⁺⁺-dependent secretion activator [Homo sapiens (human)]
Official Symbol	CADPS

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