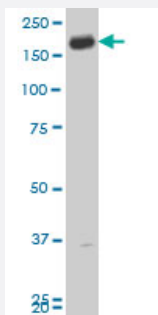


CADPS polyclonal antibody (A01)

Catalog # H00008618-A01

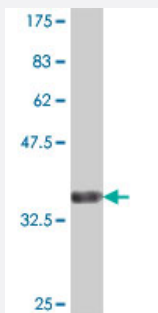
Size 50 uL

Applications



Western Blot (Cell lysate)

CADPS polyclonal antibody (A01), Lot # 060608JCS1 Western Blot analysis of CADPS expression in Y-79 (Cat # L042V1).



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CADPS.
Immunogen	CADPS (NP_003707, 1256 a.a. ~ 1353 a.a) partial recombinant protein with GST tag.
Sequence	RLFDQWYNSSMNVICTWLTDRLMDLQLHIYQLKTLIRMVKKTYRDFRLQGVLDSLNSKTYETIRNRL TVEEATASVSEGGGLQGISMKDSDEEDEEDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.89 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CADPS polyclonal antibody (A01), Lot # 060608JCS1 Western Blot analysis of CADPS expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CADPS

Entrez GeneID

[8618](#)

GeneBank Accession#

[NM_003716](#)

Protein Accession#

[NP_003707](#)

Gene Name

CADPS

Gene Alias

CADPS1, CAPS, CAPS1, KIAA1121

Gene Description

Ca⁺⁺-dependent secretion activator

Omim ID

[604667](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca²⁺-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)P₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq]

Other Designations

Ca²⁺-dependent activator protein for secretion|Ca²⁺-dependent secretion activator|Ca²⁺-regulated cytoskeletal protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)