



Datasheet for ABIN6137843  
**anti-CADPS antibody (AA 1020-1100)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CADPS
Binding Specificity:	AA 1020-1100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CADPS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1020-1100 of human CADPS (NP_899630.1).
Sequence:	MASDMIESCV KRTRIAFEVK LQKTSRSTDF RVPQSICTMF NVMVDAKAQS TKLCSMEMGQ EHQYHSKIDE LIEETVKEMI T
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	CADPS
Alternative Name:	CADPS ( <a href="#">CADPS Products</a> )
Background:	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.,CADPS,CADPS1,CAPS,CAPS1,UNC-31,Signal Transduction,Neuroscience,CADPS
Molecular Weight:	50 kDa/144 kDa/148 kDa/152 kDa/153 kDa
Gene ID:	8618
UniProt:	<a href="#">Q9ULU8</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

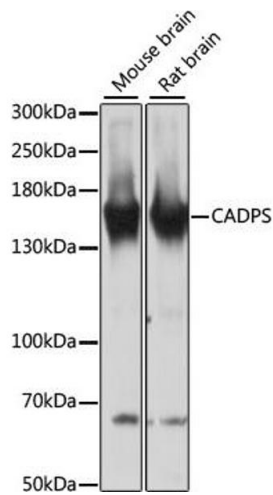
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Application Notes:	WB,1:1000 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using CADPS antibody (ABIN6131298, ABIN6137843, ABIN6137844 and ABIN6217089) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.