

Datasheet for ABIN6137845  
**anti-CADPS2 antibody (AA 1-80)**



[Go to Product page](#)

1 Image

### Overview

Quantity:	100 µL
Target:	CADPS2
Binding Specificity:	AA 1-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CADPS2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human CADPS2 (NP_001009571.2).
Sequence:	MLDPPSSSEEE SDEGLEEEESR DVLVAAGSSQ RAPPAPTREG RRDAPGRAGG GGAARSVSPS PSVLSEGRDE PQRQLDDEQE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

---

Target:	CADPS2
Alternative Name:	CADPS2 ( <a href="#">CADPS2 Products</a> )
Background:	This gene encodes a member of the calcium-dependent activator of secretion (CAPS) protein family, which are calcium binding proteins that regulate the exocytosis of synaptic and dense-core vesicles in neurons and neuroendocrine cells. Mutations in this gene may contribute to autism susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene.,CADPS2,CAPS2,Signal Transduction,Neuroscience,CADPS2
Molecular Weight:	142 kDa/143 kDa/147 kDa
Gene ID:	93664
UniProt:	<a href="#">Q86UW7</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

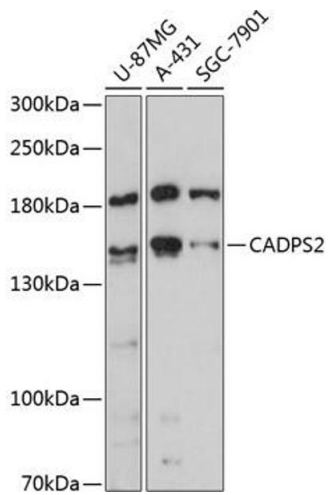
---

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

---

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 C antibody (ABIN6131398, ABIN6137845, ABIN6137846 and ABIN6217950) 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: 90s.