

Datasheet for ABIN6260401  
**anti-CADPS2 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CADPS2
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CADPS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A synthesized peptide derived from human CADPS2, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	CADPS2 Antibody detects endogenous levels of total CADPS2.
Predicted Reactivity:	Bovine
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	CADPS2
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## Target Details

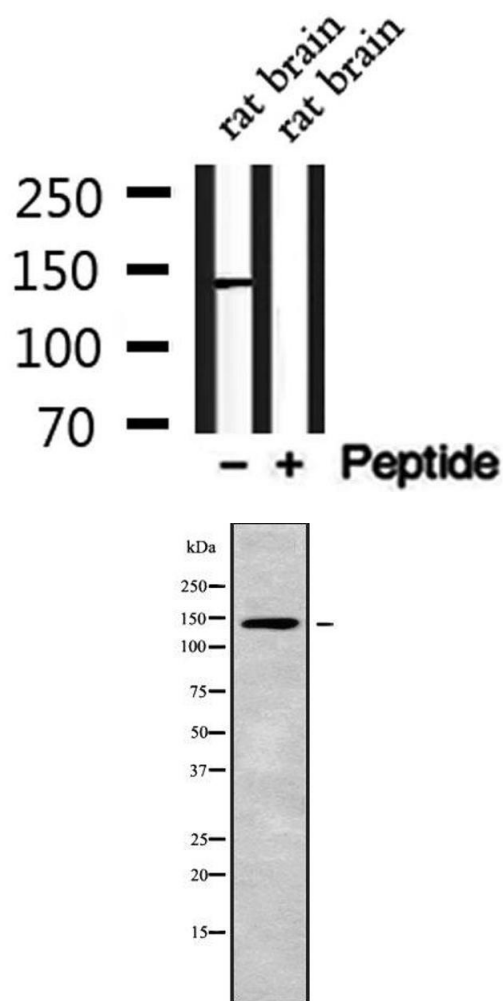
Alternative Name:	CADPS2 ( <a href="#">CADPS2 Products</a> )
Background:	<p>Description: Calcium-binding protein involved in exocytosis of vesicles filled with neurotransmitters and neuropeptides. Probably acts upstream of fusion in the biogenesis or maintenance of mature secretory vesicles. Regulates neurotrophin release from granule cells leading to regulate cell differentiation and survival during cerebellar development. May specifically mediate the Ca<sup>2+</sup>-dependent exocytosis of large dense-core vesicles (DCVs) and other dense-core vesicles (By similarity).</p> <p>Gene: CADPS2</p>
Molecular Weight:	148kDa
Gene ID:	93664
UniProt:	<a href="#">Q86UW7</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

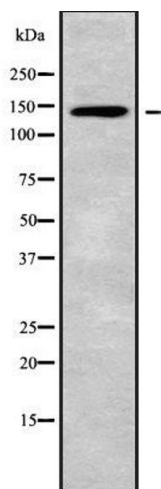
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from rat brain, using CADPS2 Antibody.



Western Blotting

**Image 2.** Western blot analysis of CADPS2 using K562 whole cell lysates