

A13186

Leader in Biomolecular Solutions for Life Science



CADPS Rabbit pAb

Catalog No.: A13186

Basic Information

Observed MW

153kDa

Calculated MW

153kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Background

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)P₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described.

Recommended Dilutions

WB 1:1000 - 1:2000

Immunogen Information

Gene ID

8618

Swiss Prot

Q9ULU8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1020-1100 of human CADPS (NP_899630.1).

Synonyms

CAPS; CAPS1; CADPS1; UNC-31; CADPS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

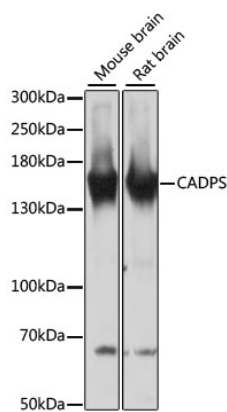
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using CADPS Rabbit pAb (A13186) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.