

CADPS Rabbit pAb

Catalog No.: A17026

Basic Information

Observed MW

Refer to figures

Calculated MW

153kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

IHC-P 1:50 - 1:200

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

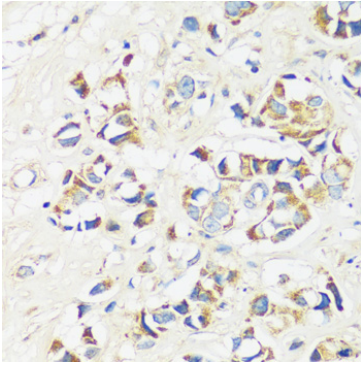
Affinity purification

Storage

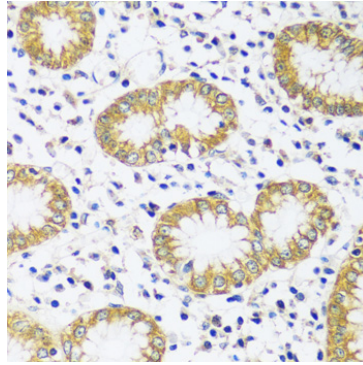
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded human breast cancer using CADPS Rabbit pAb (A17026) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using CADPS Rabbit pAb (A17026) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.