

## CADPS Polyclonal Antibody

Catalog No: #29961

Package Size: #29961-1 50ul #29961-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

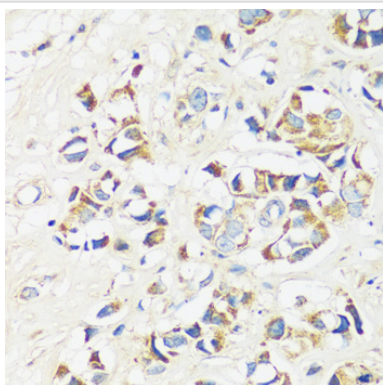
## Description

Product Name	CADPS Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IHC
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human CADPS (NP_899630.1).
Other Names	CADPS; CADPS1; CAPS; CAPS1; UNC-31; calcium dependent secretion activator
Accession No.	Swiss-Prot#:Q9ULU8NCBI Gene ID:8618
Uniprot	Q9ULU8
GeneID	8618;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

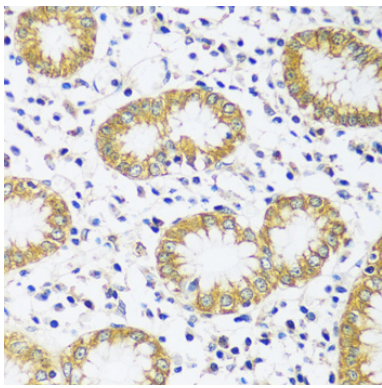
## Application Details

IHC□1:50 - 1:200

## Images



Immunohistochemistry of paraffin-embedded human breast cancer using CADPS at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CADPS at dilution of 1:100 (40x lens).

## Background

This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the  $\text{Ca}^{2+}$ -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 ( $\text{PtdIns}(4,5)\text{P}_2$ ). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described.

Note: This product is for in vitro research use only