

Rabbit anti-Human GPS1 Polyclonal Antibody | anti-GPS1 antibody

GPS1 Antibody

CATALOG # AAA118848	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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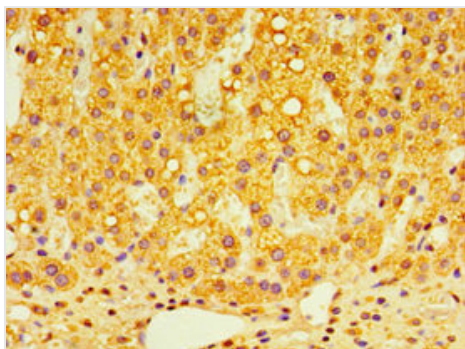
PRODUCT SYNONYMS

GPS1; Polyclonal Antibody; GPS1 Antibody; SGN1; Signalosome subunit 1; G protein pathway suppressor 1; GPS-1; JAB1-containing signalosome subunit 1; Protein MFH; COPS1; CSN1; anti-GPS1 antibody

PRODUCT SPECIFICATIONS

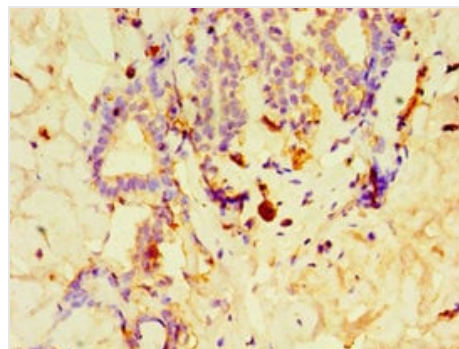
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	491
Applicable Applications for anti-GPS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human COP9 signalosome complex subunit 1 protein (222-491aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47853 / sc-47854 / sc-47856 / sc-47855 / sc-292637
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



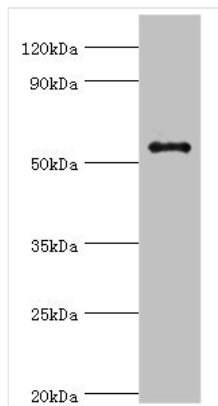
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland using AAA118848 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118848 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GPS1 antibody at 5ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 56,60 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GPS1 antibody	Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. Suppresses G-protein- and mitogen-activated protein kinase-mediated signal transduction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47078240
NCBI GeneID	2873
NCBI Accession #	NP_004118.3
NCBI GenBank Nucleotide #	NM_004127.4
UniProt Accession #	Q13098; Q8NA10; Q9BWL1
Molecular Weight	59,050 Da
NCBI Official Full Name	COP9 signalosome complex subunit 1 isoform 2
NCBI Official Synonym Full Names	G protein pathway suppressor 1
NCBI Official Symbol	GPS1
NCBI Official Synonym Symbols	CSN1; COPS1
NCBI Protein Information	COP9 signalosome complex subunit 1
UniProt Protein Name	COP9 signalosome complex subunit 1
UniProt Gene Name	GPS1
UniProt Synonym Gene Names	COPS1; CSN1; SGN1; Signalosome subunit 1; GPS-1
UniProt Entry Name	CSN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.