

Rabbit anti-Human COPS4 Polyclonal Antibody | anti-COPS4 antibody

COPS4 Antibody

CATALOG # AAA119364	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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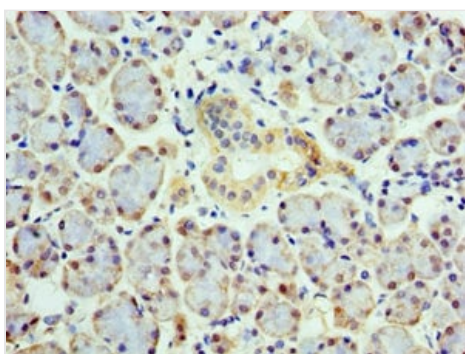
PRODUCT SYNONYMS

COPS4; Polyclonal Antibody; COPS4 Antibody; SGN4; Signalosome subunit 4; JAB1-containing signalosome subunit 4; CSN4; anti-COPS4 antibody

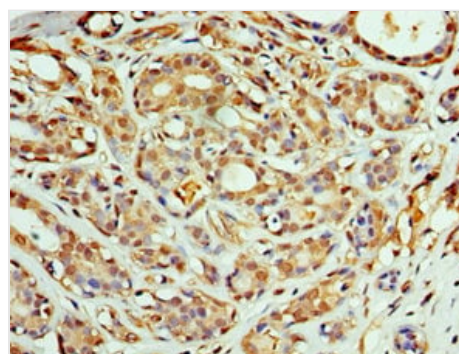
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	352
Applicable Applications for anti-COPS4 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 4 protein (1-310aa)
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

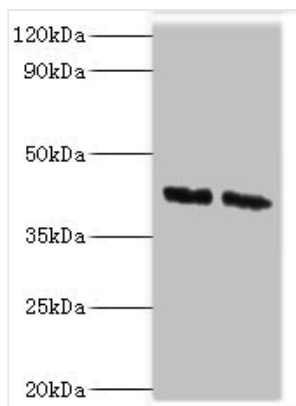
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreas tissue using AAA119364 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA119364 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: COPS4 antibody at 8ug/mlLane 1:Hela whole cell lysateLane 2:HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 47,41 kDaObserved band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-COPS4 antibody

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. Also involved in the deneddylation of non-cullin subunits such as STON2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1, IRF8/ICSBP and SNAPIN, 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	384367993
NCBI GeneID	51138
NCBI Accession #	NP_001244935.1
NCBI GenBank Nucleotide #	NM_001258006.1
UniProt Accession #	Q9BT78; Q561W7; Q9NW31; Q9Y677; B3KN88; B3KST5
Molecular Weight	40,197 Da
NCBI Official Full Name	COP9 signalosome complex subunit 4 isoform 2
NCBI Official Synonym Full Names	COP9 signalosome subunit 4
NCBI Official Symbol	COPS4
NCBI Official Synonym Symbols	CSN4
NCBI Protein Information	COP9 signalosome complex subunit 4
UniProt Protein Name	COP9 signalosome complex subunit 4
UniProt Gene Name	COPS4
UniProt Synonym Gene Names	CSN4; SGN4; Signalosome subunit 4
UniProt Entry Name	CSN4_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.