

Rabbit anti-Human COP9 signalosome complex subunit 7a Polyclonal Antibody | anti-COPS7A antibody

Rabbit anti-human COP9 signalosome complex subunit 7a polyclonal Antibody(COPS7A)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118974	Rabbit	Human	Immunohistochemistry, ELISA

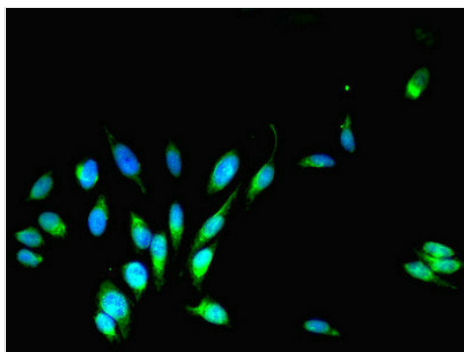
PRODUCT SYNONYMS

COP9 signalosome complex subunit 7a; Polyclonal Antibody; Rabbit anti-human COP9 signalosome complex subunit 7a polyclonal Antibody(COPS7A); SGN7a; Signalosome subunit 7a; Dermal papilla-derived protein 10; JAB1-containing signalosome subunit 7a; COPS7A; CSN7A; DERP10; anti-COPS7A antibody

PRODUCT SPECIFICATIONS

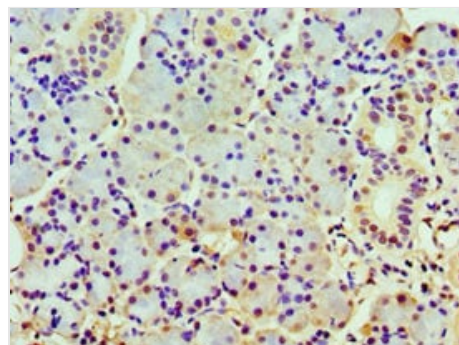
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	275
Applicable Applications for anti-COPS7A antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human COP9 signalosome complex subunit 7a protein (1-275aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47971 / sc-47968
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



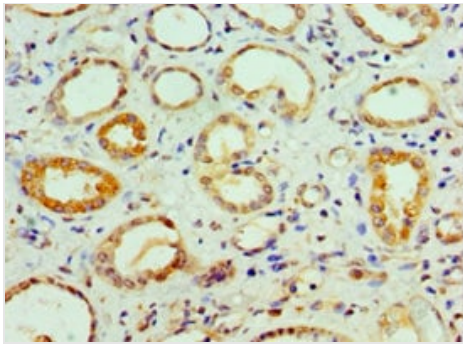
IHC (Immunohistochemisry)

Immunofluorescent analysis of HeLa cells cells using AAA118974 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA118974 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA118974 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-COPS7A 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. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255760064
NCBI GeneID	50813
NCBI Accession #	NP_001157565.1
NCBI GenBank Nucleotide #	NM_001164093.1
UniProt Accession #	Q9UBW8; Q9NVX3; Q9UJW4; A8K9A6
Molecular Weight	30,277 Da
NCBI Official Full Name	COP9 signalosome complex subunit 7a
NCBI Official Synonym Full Names	COP9 signalosome subunit 7A
NCBI Official Symbol	COPS7A
NCBI Official Synonym Symbols	CSN7; CSN7A; SGN7a
NCBI Protein Information	COP9 signalosome complex subunit 7a
UniProt Protein Name	COP9 signalosome complex subunit 7a
UniProt Gene Name	COPS7A
UniProt Synonym Gene Names	CSN7A; DERP10; SGN7a; Signalosome subunit 7a
UniProt Entry Name	CSN7A_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.