

Rabbit COPS7A Polyclonal Antibody | anti-COPS7A antibody

COPS7A Antibody (C-term)

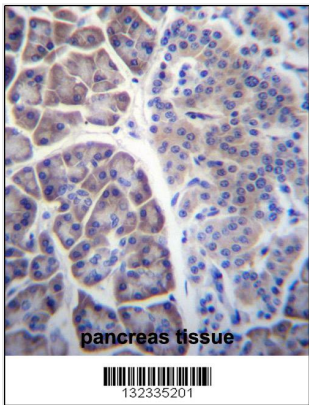
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290308	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

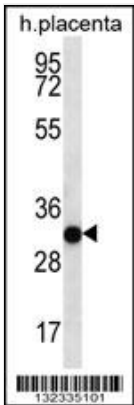
COPS7A; Polyclonal Antibody; COPS7A Antibody (C-term); COP9 signalosome complex subunit 7a; SGN7a; Signalosome subunit 7a; Dermal papilla-derived protein 10; JAB1-containing signalosome subunit 7a; CSN7A; DERP10; anti-COPS7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COPS7A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-266 amino acids from the C-terminal region of human COPS7A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	237-266
Sequence Length	275
Applicable Applications for anti-COPS7A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
COPS7A Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of COPS7A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
COPS7A Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the COPS7A antibody detected the COPS7A protein (arrow).

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.
Product Categories/Family for anti-COPS7A antibody	Cell Biology
References	Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Stelzl, U., et al. Cell 122(6):957-968(2005) Obuse, C., et al. Nat. Cell Biol. 6(11):1135-1141(2004) Wolf, D.A., et al. Nat. Cell Biol. 5(12):1029-1033(2003) Groisman, R., et al. Cell 113(3):357-367(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	255760064
NCBI GeneID	50813
NCBI Accession #	NP_001157565.1; NP_001157566.1; NP_001157567.1; NP_057403.1
NCBI GenBank Nucleotide #	NM_001164093.1
UniProt Accession #	Q9UBW8; Q9NVX3; Q9UJW4; A8K9A6
Molecular Weight	30277
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cops7a-antibody-immunohistochemistry-western-blot-elisa/290308>