

Rabbit anti-Human, Mouse COPS3 Polyclonal Antibody | anti-COPS3 antibody

COPS3 Antibody

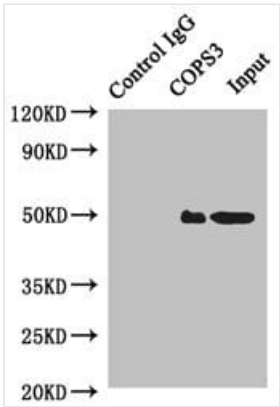
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232057	Rabbit	Human, Mouse	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

COPS3; Polyclonal Antibody; COPS3 Antibody; COP9 signalosome complex subunit 3; SGN3; Signalosome subunit 3; JAB1-containing signalosome subunit 3; CSN3; anti-COPS3 antibody

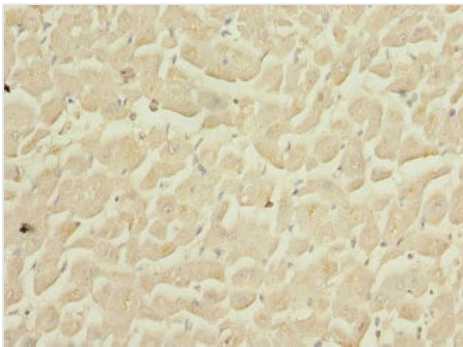
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	403
Applicable Applications for anti-COPS3 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human COP9 signalosome complex subunit 3 protein (C-230AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47961 / sc-47962
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



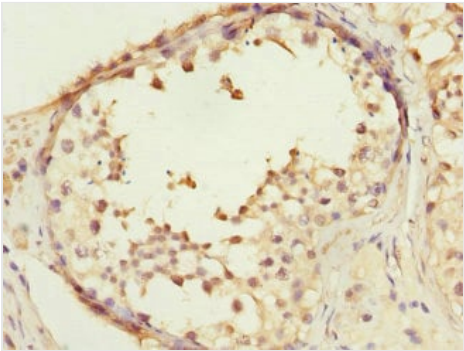
IP (Immunoprecipitation)

Immunoprecipitating COPS3 in HeLa whole cell lysateLane 1: Rabbit monoclonal IgG(1ug)instead of AAA232057 in HeLa whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG,specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000)Lane 2: AAA232057(4ug)+ HeLa whole cell lysate(500ug)Lane 3: HeLa whole cell lysate (20ug



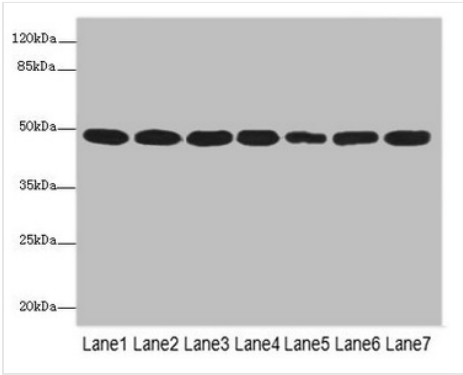
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA232057 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232057 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: COPS3antibody at 3.41ug/mlLane 1 : MCF7 whole cell lysateLane 2 : Hela whole cell lysateLane 3 : 293T whole cell lysateLane 4 : HT29 whole cell lysateLane 5 : Mouse heart tissueLane 6 : Mouse brain tissueLane 7 : Mouse ovarian tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 48,46 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-COPS3 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, 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	312284090
NCBI GeneID	8533
NCBI Accession #	NP_001186054.1
NCBI GenBank Nucleotide #	NM_001199125.1
UniProt Accession #	Q9UNS2; O43191; Q7LDR6; B2R683; B4DY81

Molecular Weight	45,727 Da
NCBI Official Full Name	COP9 signalosome complex subunit 3 isoform 2
NCBI Official Synonym Full Names	COP9 signalosome subunit 3
NCBI Official Symbol	COPS3
NCBI Official Synonym Symbols	CSN3; SGN3
NCBI Protein Information	COP9 signalosome complex subunit 3
UniProt Protein Name	COP9 signalosome complex subunit 3
UniProt Gene Name	COPS3
UniProt Synonym Gene Names	CSN3; SGN3; Signalosome subunit 3
UniProt Entry Name	CSN3_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/cops3-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/232057>