

Rabbit COP9 signalosome Csn6 subunit Polyclonal Antibody | anti-COPS6 antibody

COP9 signalosome Csn6 subunit (human) polyclonal antibody

CATALOG # AAA77003	HOST Rabbit	REACTIVITY HumanDoes not cross-react with other signalosome subunits.	APPLICATIONS Western Blot
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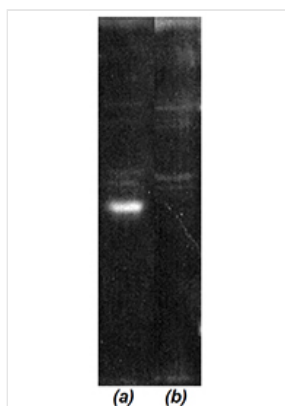
PRODUCT SYNONYMS

COP9 signalosome Csn6 subunit; Polyclonal Antibody; COP9 signalosome Csn6 subunit (human) polyclonal antibody; anti-COPS6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Does not cross-react with other signalosome subunits.
Clonality	Polyclonal
Specificity	Recognizes the Csn6 subunit of the COP9 signalosome.
Purity/Purification	Partially purified immunoglobulin.
Form/Format	Liquid. In PBS containing 10mM sodium azide.
Sequence Length	327
Applicable Applications for anti-COPS6 antibody	WB (Western Blot)
Immunogen	Synthetic peptide corresponding to aa 283-297 of human COP9 signalosome (Csn6 subunit).
Source	Purified from rabbit serum
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis: Luminograph of a HeLa S3 cytosol preparation after SDS PAGE followed by blotting onto PVDF membrane and probing with (a) antibody and (b) antibody pre-absorbed with cognate peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-COPS6 antibody	Scientific Background: The polyclonal antibody to Csn6 was generated by immunisation of rabbits with a synthetic peptide corresponding to residues [283-297] of the human Csn6 sequence. The antibody has been characterised by one-dimensional Western blotting. Vial contains a partially purified immunoglobulin preparation suspended phosphate-buffered saline containing 0.01M sodium azide. The COP9 signalosome, once defined as a repressor complex of light activated development in Arabidopsis, has recently been found in humans and is probably present in most multicellular organisms. The COP9 signalosome is closely related to the lid sub-complex of the 26S proteasome in structural composition and probably shares a common evolutionary ancestor. A multifaceted role of the COP9 signalosome in cell-signalling processes is hinted at by its associated novel kinase activity, as well as the involvement of its subunits in regulating multiple cell-signalling pathways and cell-cycle progression. The molecular genetic studies in Arabidopsis suggest that the complex functions as part of a highly conserved regulatory network, whose physiological rule in animals has yet to be determined. The COP9 signalosome, also known as the the COP9 complex and JAB1-containing signalosome, is a conserved nuclear protein complex found in plants and animals. It is composed of eight distinct subunits, designated S1 to S8 (very recently re-designated Csn1-Csn8) according to the molecular weight of the mammalian complex subunits. Subunit composition and the subunit sequences are substantially conserved between the mammalian and the plant complexes, implying that the complex has a conserved cellular function in higher eukaryotic organisms. The role and function of Csn6 has yet to be determined although this subunit is known to interact with subunits Csn2 and Csn7 within the COP9 signalosome.
Product Categories/Family for anti-COPS6 antibody	Proteolysis & Protein Degradation; Protein Synthesis & Folding

NCBI AND UNIPROT INFORMATION

NCBI GI #	55976470
NCBI GeneID	10980
UniProt Accession #	Q7L5N1; O15387; A4D2A3
NCBI Official Full Name	COP9 signalosome complex subunit 6
NCBI Official Synonym Full Names	COP9 signalosome subunit 6
NCBI Official Symbol	COPS6
NCBI Official Synonym Symbols	CSN6; MOV34-34KD
NCBI Protein Information	COP9 signalosome complex subunit 6
UniProt Protein Name	COP9 signalosome complex subunit 6
UniProt Gene Name	COPS6
UniProt Synonym Gene Names	CSN6; HVIP; SGN6; Signalosome subunit 6; hVIP
UniProt Entry Name	CSN6_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/cop9-signalosome-csn6-subunit-antibody-western-blot-elisa/77003>