

Product datasheet for **TA329313**

JAB1 (COPS5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-COPS5 antibody: synthetic peptide directed towards the N terminal of human COPS5. Synthetic peptide located within the following region: AASGSGMAQKTWELANNMQEAQSIDEIYKYDKKQQQEILAAKPWTKDHHY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	COP9 signalosome subunit 5
Database Link:	NP_006828 Entrez Gene 26754 Mouse Entrez Gene 10987 Human Q92905



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Background:

COPS5 is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

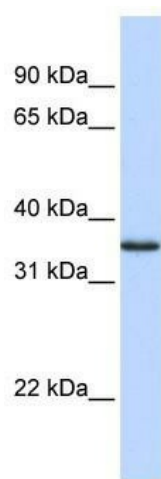
CSN5; JAB1; MOV-34; SGN5

Note:

Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%; Zebrafish: 93%

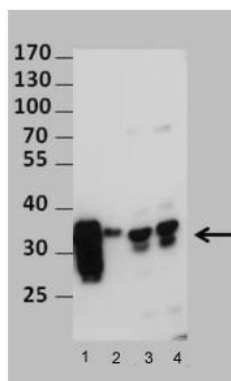
Protein Families:

Druggable Genome, Protease, Transcription Factors

Product images:

WB Suggested Anti-COPS5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: Human Muscle

COPS5



See Immunoblot 2 Data and Customer Feedback tab for more information.

Sample Type: 1. Human blood cells, pure; 2. Human blood cells, partially purified; 3. and 4. Human total cell extract, extraction only; Primary Dilution: 1:500; Secondary Anitbody: HRP conjugated anti-rabbit; Image Submitted By: Dr. Elah Pick; University of Haifa at Oranim