

Product datasheet for **TA322462**

JAB1 (COPS5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse liver tissue IHC: 150-500 Positive control: Human colon cancer Predicted cell location: Cytoplasm, Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 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:

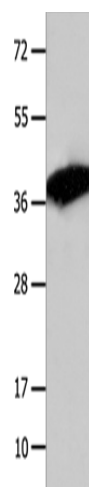
The protein encoded by this gene is one of the eight subunits of COP9 signalosome; a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. 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

Synonyms:

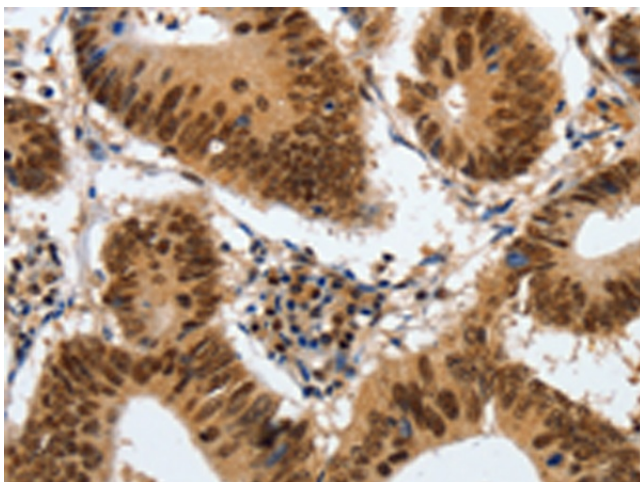
CSN5; JAB1; MOV-34; SGN5

Protein Families:

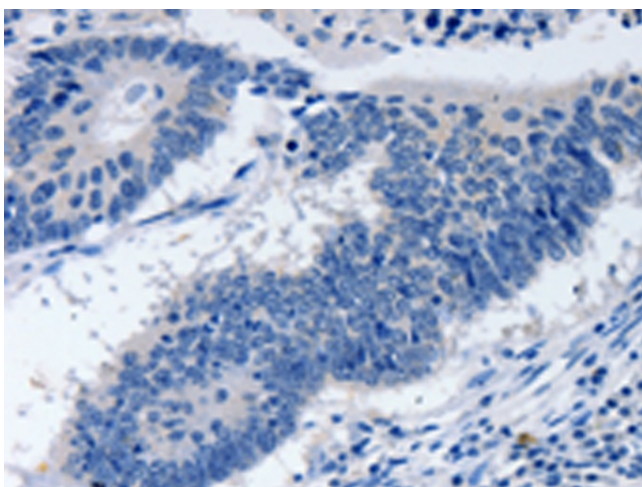
Druggable Genome, Protease, Transcription Factors

Product images:

Gel: 12%SDS-PAGE
Lysate: 30 µg
Lane: Mouse liver tissue
Primary antibody: TA322462 (COPS5 Antibody) at dilution 1/1550
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322462 (COPS5 Antibody) at dilution 1/120 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322462 (COPS5 Antibody) at dilution 1/120, treated with fusion protein. (Original magnification: ×200)