

JAB1 Polyclonal Antibody | anti-JAB1 antibody

Anti-JAB1 Antibody

CATALOG # AAA46550	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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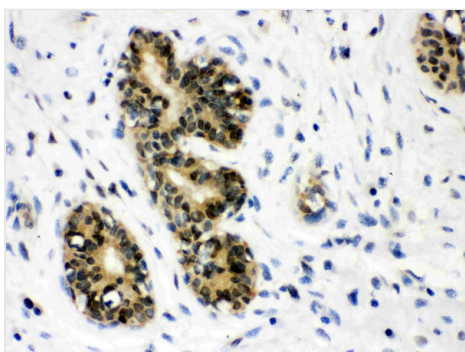
PRODUCT SYNONYMS

JAB1; Polyclonal Antibody; Anti-JAB1 Antibody; COP9 signalosome complex subunit 5; 38 kDa Mov34 homolog; COP9 (constitutive photomorphogenic) homolog subunit 5; COP9 constitutive photomorphogenic homolog subunit 5; COP9 signalosome subunit 5; Cop9 subunit 5; COPS 5; COPS5; CSN 5; CSN5; JAB 1; Jun activation domain binding protein 1; Jun activation domain binding protein; Jun activation domain-binding protein 1; Jun activation domain-binding protein; MGC3149; MOV 34; MOV34; MOV34 family; 38-KD member; SGN 5; SGN5; Signalosome subunit 5; anti-JAB1 antibody

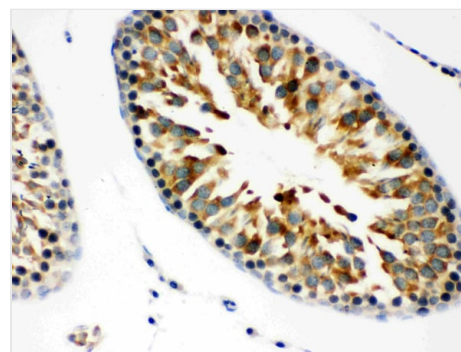
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	334
Applicable Applications for anti-JAB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares 99.4% amino acid (aa) sequence identity with mouse JAB1.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

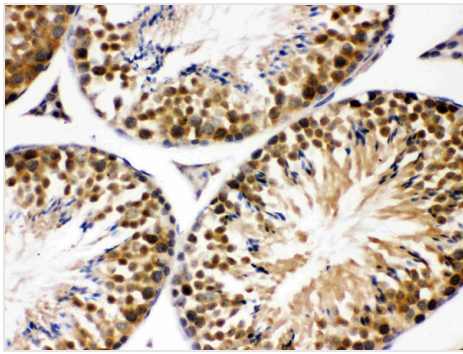
IMAGES



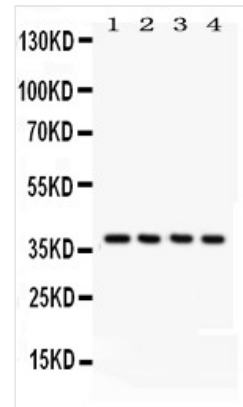
IHC (Immunohistochemistry)
Anti- JAB1 Picoband antibody, AAA46550, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- JAB1 Picoband antibody, AAA46550, IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)
Anti- JAB1 Picoband antibody, AAA46550, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)
Anti- JAB1 Picoband antibody, AAA46550, Western blottingAll lanes: Anti JAB1 (AAA46550) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: Mouse Testis Tissue Lysate at 50ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: 293T Whole Cell Lysate at 40ugPredicted bind size: 38KDObserved bind size: 38KD

ADDITIONAL INFORMATION

Related Product Information for anti-JAB1 antibody	Description: Rabbit IgG polyclonal antibody for COP9 signalosome complex subunit 5(COPS5) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis), also known as COPS5 or JAB1, is a gene conserved from humans to Saccharomyces cerevisiae. It is a member of the MOV34 family. COPS5 is mapped to 8q13.1. 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. COPS5 can interact with the cytoplasmic domain of the beta-2 subunit of the alpha-L/beta-2 integrin LFA1, and it is the only protein demonstrated to interact with MIF. COPS5, VHL, and TRC8 proteins appear to be linked both physically and functionally, and all 3 may participate in the development of kidney cancer. In addition to that, COPS5 is an essential cofactor for the apoptotic function of E2F1.
References	1. Bianchi, E., Denti, S., Granata, A., Bossi, G., Geginat, J., Villa, A., Rogge, L., Pardi, R.Integrin LFA-1 interacts with the transcriptional co-activator JAB1 to modulate AP-1 activity. Nature 404: 617-621, 2000. 2. "Entrez Gene: COPS5 COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis)". 3. Hallstrom, T. C., Nevins, J. R. Jab1 is a specificity factor for E2F1-induced apoptosis.Genes Dev. 20: 613-623, 2006.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38027923
NCBI GeneID	10987
NCBI Accession #	NP_006828.2
NCBI GenBank Nucleotide #	NM_006837.2
UniProt Accession #	Q92905; O15386; Q6AW95; Q86WQ4; Q9BQ17
Molecular Weight	37,579 Da
NCBI Official Full Name	COP9 signalosome complex subunit 5
NCBI Official Synonym Full Names	COP9 signalosome subunit 5
NCBI Official Symbol	COPS5
NCBI Official Synonym Symbols	CSN5; JAB1; SGN5; MOV-34
NCBI Protein Information	COP9 signalosome complex subunit 5
UniProt Protein Name	COP9 signalosome complex subunit 5
UniProt Gene Name	COPS5

UniProt Synonym Gene Names	CSN5; JAB1; SGN5; Signalosome subunit 5
UniProt Entry Name	CSN5_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/jab1-antibody-immunohistochemistry-western-blot-elisa/46550>