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anti-COPS5 antibody (AA 8-334)





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Quantity:	100 μg	
Target:	COPS5	
Binding Specificity:	AA 8-334	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This COPS5 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for COP9 signalosome complex subunit 5(COPS5) detection.	
•	Rabbit 199 polycional antibody for COF9 signalosoffie complex subunit 3(COF33) detection.	
•	Tested with WB, IHC-P in Human, Mouse, Rat.	
Immunogen:		
	Tested with WB, IHC-P in Human,Mouse,Rat.	
	Tested with WB, IHC-P in Human, Mouse, Rat. E.coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares	
Immunogen:	Tested with WB, IHC-P in Human, Mouse, Rat. E.coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares 99.4% amino acid (aa) sequence identity with mouse JAB1.	
Immunogen: Isotype:	Tested with WB, IHC-P in Human,Mouse,Rat. E.coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares 99.4% amino acid (aa) sequence identity with mouse JAB1. IgG	
Immunogen: Isotype: Cross-Reactivity (Details):	Tested with WB, IHC-P in Human, Mouse, Rat. E.coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares 99.4% amino acid (aa) sequence identity with mouse JAB1. IgG No cross reactivity with other proteins.	
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Immunogen: Isotype: Cross-Reactivity (Details):	Tested with WB, IHC-P in Human, Mouse, Rat. E.coli-derived human JAB1 recombinant protein (Position: M8-S334). Human JAB1 shares 99.4% amino acid (aa) sequence identity with mouse JAB1. IgG No cross reactivity with other proteins. Rabbit IgG polyclonal antibody for COP9 signalosome complex subunit 5(COPS5) detection. Tested with WB, IHC-P in Human, Mouse, Rat.	

Target Details

Target:	COPS5	
Alternative Name:	COPS5 (COPS5 Products)	
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.	
	Synonyms: 38 kDa Mov34 homolog antibody COP9 (constitutive photomorphogenic) homolog subunit 5 antibody COP9 constitutive photomorphogenic homolog subunit 5 antibody COP9 signalosome complex subunit 5 antibody COP9 signalosome subunit 5 antibody Cop9 subunit 5 antibody COPS 5 antibody COPS5 antibody CSN 5 antibody CSN5 antibody JAB 1 antibody Jun activation domain binding protein 1 antibody Jun activation domain-binding protein antibody Jun activation domain-binding protein antibody MGC3149 antibody MOV 34 antibody MOV34 antibody MOV34 family, 38-KD member antibody SGN 5 antibody SGN5 antibody Signalosome subunit 5 antibody	
Gene ID:	10987	
UniProt:	Q92905	
Pathways:	Cell Division Cycle	
Application Details		
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.	
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).	

Application Details

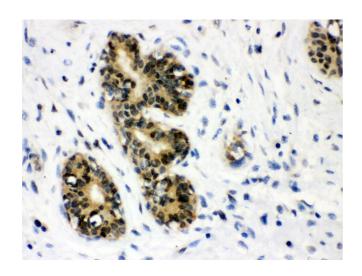
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For Research Use only

Handling

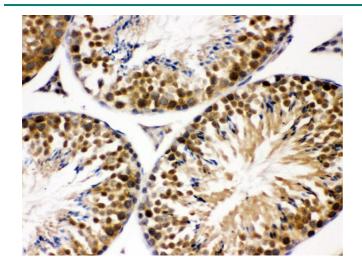
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu g/mL$.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	

Images



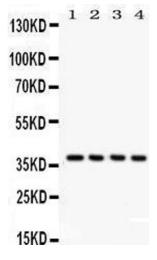
Immunohistochemistry

Image 1. Anti- JAB1 Picoband antibody, IHC(P): Human Mammary Cancer Tissue



Immunohistochemistry

Image 2. Anti- JAB1 Picoband antibody, IHC(P): Mouse Testis Tissue



Western Blotting

Image 3. Anti- JAB1 Picoband antibody, Western blotting All lanes: Anti JAB1 at 0.5ug/ml Lane 1: Rat Testis Tissue Lysate at 50ug Lane 2: Mouse Testis Tissue Lysate at 50ug Lane 3: HELA Whole Cell Lysate at 40ug Lane 4: 293T Whole Cell Lysate at 40ug Predicted bind size: 38KD Observed bind size: 38KD

Please check the product details page for more images. Overall 4 images are available for ABIN3042754.