

[Go to Product page](#)

Datasheet for ABIN5005638

anti-COPS5 antibody (AA 221-334) (AbBy Fluor® 750)

Overview

Quantity:	100 µL
Target:	COPS5
Binding Specificity:	AA 221-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS5 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Jab1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	COPS5
Alternative Name:	Jab1 (COPS5 Products)

Target Details

Background:	<p>Synonyms: 38 kDa Mov34 homolog, COP9 constitutive photomorphogenic homolog subunit 5, COP9 constitutive photomorphogenic homolog subunit 5, COP9 signalosome complex 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, MGC3149, MOV 34, MOV34, SGN 5, SGN5, Signalosome subunit 5, CSN5_HUMAN.</p> <p>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.</p>
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Gene ID:	10987
Pathways:	Cell Division Cycle

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months