



Rabbit Anti-Human COPS5 Polyclonal antibody (DPABH-20169)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	JAB1 fusion protein, sequence: MAASGSGMAQKTWELANNMQUEAQSIDEIYKYDKKQQQEILAAKPWTKDHHYFKYCKISAL ALLKMVMVMHARSGGNLEVMGLMLGKVDGETMIIMDSFALPVEGTETRVNAQAAAYEYMAAY IENAKQVGRLENAIGWYHSHPGYGCWLSGIDVSTQMLNQQFQEPFVAVVIDPTRTISAGK VNLGAFRTYPKGYKPPDEGPSEYQTIPNPKIEDFGVHCKQYYALEVSYFKSSLDRKLLEL LWNKYWVNTLSSSSLTNADYTTGQVFDLSEKLEQSEAQLGRGSFMLGLETHDRKSEDKL AKATRDSCCKTIEAIHGLMSQVIKDKLFNQINIS (1-334 aa encoded by BC001187)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, ELISA
Positive Control	PC-12 cells, HEK-293 cells, HeLa cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

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.

Keywords

COPS5; COP9 signalosome subunit 5; CSN5; JAB1; SGN5; MOV-34; COP9 signalosome complex subunit 5; 38 kDa Mov34 homolog; signalosome subunit 5; jun activation domain-binding protein 1; COP9 constitutive photomorphogenic homolog subunit 5;

GENE INFORMATION

Entrez Gene ID

[10987](#)

UniProt ID

[A0A024R7W9](#)