

JAB1 Conjugated Antibody

Catalog No: #C49805



Package Size: #C49805-AF350 100ul #C49805-AF405 100ul #C49805-AF488 100ul
 #C49805-AF555 100ul #C49805-AF594 100ul #C49805-AF647 100ul
 #C49805-AF680 100ul #C49805-AF750 100ul #C49805-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	JAB1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	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 CSN5_HUMAN antibody JAB 1 antibody Jun activation domain binding protein 1 antibody Jun activation domain binding protein antibody Jun activation domain-binding protein 1 antibody MGC3149 antibody MOV 34 antibody MOV34 antibody MOV34 family, 38-KD member antibody SGN 5 antibody SGN5 antibody Signalosome subunit 5 antibody
Accession No.	Swiss-Prot#:Q92905
Uniprot	Q92905
GeneID	10987;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	37 kDa, additional band 100 kDa.
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are found to be associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, but the Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. The coactivator of Jun, designated JAB1 (for Jun-activation domain-binding protein), interacts with c-Jun and Jun D, but not with Jun B or v-Jun. This interaction enhances the transactivating ability of Jun proteins by stabilizing their binding to the TRE. The gene encoding JAB1 maps to human chromosome 8q12.3.

Note: This product is for in vitro research use only