TAB1 Conjugated Antibody

Catalog No: #C36598

Package Size: #C36598-AF350 100ul #C36598-AF405 100ul #C36598-AF488 100ul #C36598-AF555 100ul #C36598-AF594 100ul #C36598-AF647 100ul #C36598-AF680 100ul #C36598-AF750 100ul #C36598-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TAB1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TAB1 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human TGF-beta activated kinase 1/MAP3K7 binding protein 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	3'-Tab1; MAP3K7IP1
Accession No.	Swiss-Prot#:Q15750NCBI Gene ID:10454NCBI mRNA#:NCBI Protein#:BC050554
Uniprot	Q15750
GeneID	10454;
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	55
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that the C-terminal portion of this protein is sufficient for binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF beta, suggesting that this protein may function as a mediator between TGF beta receptors and TAK1.

Note: This product is for in vitro research use only