MAPKBP1 Conjugated Antibody

Catalog No: #C27721

Package Size: #C27721-AF350 100ul #C27721-AF405 100ul #C27721-AF488 100ul #C27721-AF555 100ul #C27721-AF594 100ul #C27721-AF647 100ul #C27721-AF680 100ul #C27721-AF750 100ul #C27721-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MAPKBP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu,Ms
Immunogen Description	A synthetic peptide of human MAPKBP1 (NP_001122080.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MAPKBP1; JNKBP-1; JNKBP1; NPHP20; mitogen-activated protein kinase-binding protein 1
Accession No.	Swiss-Prot#:O60336NCBI Gene ID:23005
Uniprot	O60336
GeneID	23005;
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	164kDa
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

This gene encodes a scaffold protein that regulates the JNK (c-Jun N-terminal kinase) and NOD2 (nucleotide-binding oligomerization domain-containing protein 2) signaling pathways. The encoded protein interacts with another related JNK pathway scaffold protein, WDR62, via a conserved dimerization domain, and enhances JNK signaling. This protein may play a role in bacterial immunity by binding to the NOD2 receptor and negatively regulating downstream antibacterial and pro-inflammatory signaling. Mutations in this gene that impair cellular localization of the encoded protein cause a form of nephronophthisis, an autosomal-recessive kidney disorder, in human patients.

Note: This product is for in vitro research use only