

MAPKAPK2 Conjugated Antibody

Catalog No: #C37715



Package Size: #C37715-AF350 100ul #C37715-AF405 100ul #C37715-AF488 100ul
 #C37715-AF555 100ul #C37715-AF594 100ul #C37715-AF647 100ul
 #C37715-AF680 100ul #C37715-AF750 100ul #C37715-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MAPKAPK2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MAPKAPK2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mitogen-activated protein kinase-activated protein kinase 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MK2; MK-2; MAPKAP-K2
Accession No.	Swiss-Prot#:P49137NCBI Gene ID:9261NCBI mRNA#:NCBI Protein#:NP_002362
Uniprot	P49137
GeneID	9261;
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	46
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

Background

This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.

Note: This product is for in vitro research use only