MAPKAP Kinase 2 Rabbit mAb

Catalog No: #49768

Package Size: #49768-1 50ul #49768-2 100ul

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

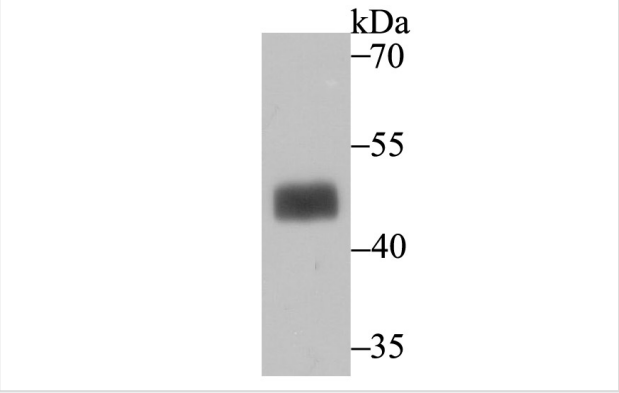
Description

Product Name	MAPKAP Kinase 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU30-31
Purification	ProA affinity purified
Applications	WB,IP
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	MAP kinase activated protein Kinase 2 antibody MAP kinase-activated protein kinase 2 antibody MAPK activated protein kinase 2 antibody MAPK-activated protein kinase 2 antibody MAPK2_HUMAN antibody MAPKAP K2 antibody MAPKAP kinase 2 antibody MAPKAPK 2 antibody MAPKAPK-2 antibody MAPKAPK2 antibody Mitogen activated protein kinase activated protein kinase 2 antibody MK 2 antibody MK2 antibody
Accession No.	Swiss-Prot#:P49137
Uniprot	P49137
GeneID	9261;
Calculated MW	46 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000IP: 1:10-1:50

Images



Western blot analysis of MAPKAP Kinase 2 on SK-Br-3 cell lysate using anti-MAPKAP Kinase 2 antibody at 1/500 dilution.

Background

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identifed and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK1 and ERK2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAP kinase-2 and MAPKAP kinase-3 (also designated 3pK). The serine/threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases.

References

Note: This product is for in vitro research use only