

Product Name: MAPKAP Kinase 2 Rabbit Monoclonal Antibody**Catalog #: AMRe84119**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.71mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IP 1:20-1:50
Molecular Weight	46 kDa

Antigen Information

Gene Name	MAPKAP Kinase 2
Alternative Names	MAPKAP K2; MAPKAP kinase 2; MAPKAPK 2; MAPKAPK2; Mitogen activated protein kinase activated protein kinase 2; MK 2;;MK2
Gene ID	
SwissProt ID	P49137
Immunogen	A synthesized peptide derived from human MK2

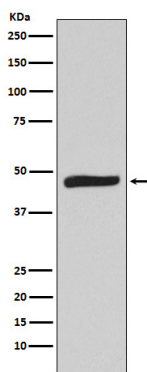
Background

Stress-activated serine/threonine-protein kinase involved in cytokine production, endocytosis, reorganization of the

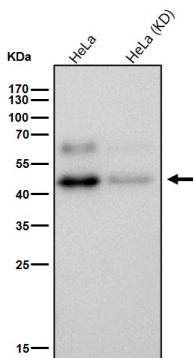
cytoskeleton, cell migration, cell cycle control, chromatin remodeling, DNA damage response and transcriptional regulation. Following stress, it is phosphorylated and activated by MAP kinase p38-alpha/MAPK14, leading to phosphorylation of substrates. Phosphorylates serine in the peptide sequence, Hyd-X-R-X2-S, where Hyd is a large hydrophobic residue.

Research Area

Image Data



Western blot analysis of MAPKAP Kinase 2 expression in HeLa cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.