

Product Name: MAPKAP Kinase 2 Rabbit Monoclonal Antibody
Catalog #: AMRe03087



Summary

Production Name	MAPKAP Kinase 2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	MAPKAPK2
Alternative Names	MAPKAPK2; MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2
Gene ID	9261
SwissProt ID	P49137

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa

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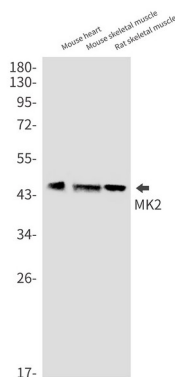
Background

Its physiological substrate seems to be the small heat shock protein (HSP27/HSP25). In vitro can phosphorylate glycogen synthase at 'Ser-7' and tyrosine hydroxylase (on 'Ser-19' and 'Ser-40'). This kinase phosphorylates Ser in the peptide sequence, Hyd-X-R-X(2)-S, where Hyd is a large hydrophobic residue (By similarity).

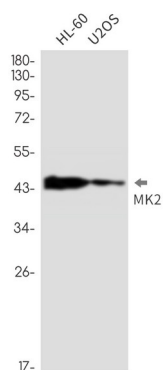
Research Area

Signal Transduction

Image Data



Western blot analysis of MK2 in mouse heart, mouse skeletal muscle, rat skeletal muscle lysates using MAPKAP Kinase 2 antibody.



Western blot analysis of MK2 in HL-60, U2OS lysates using MK2 antibody.

Note

For research use only.