

Anti-MAPKAP Kinase 2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R013052

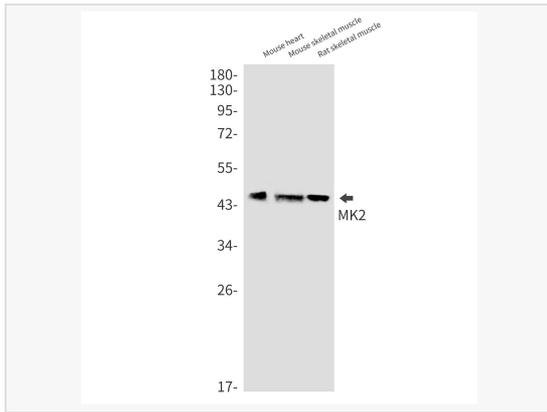
Product Information

Application	WB, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	22L63K88
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human MK2
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MAPKAP Kinase 2 antibody [22L63K88] is for research use only and not for use in diagnostic or therapeutic procedures.

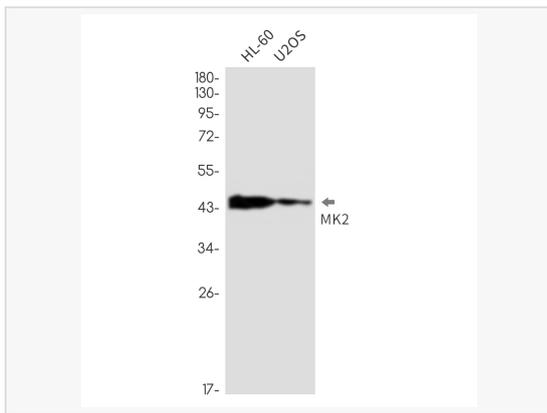
Protein Information

Synonyms	MAPKAPK2, MAP kinase-activated protein kinase 2, MAPK-activated protein kinase 2, MAPKAP kinase 2, MAPKAP-K2, MAPKAPK-2, MK-2, MK2.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 46 kDa
Uniprot ID	P49137
Gene ID	9261
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).

Validation Images



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.