

## MAPKAP KINASE 2 RABBIT MAB

**Cat.#:** N263427

**Product Name:** Anti-MAPKAP Kinase 2 Rabbit Monoclonal Antibody

**Synonyms:** MAPKAPK2; MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2

**UNIPROT ID:** P49137

**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).

**Immunogen:** A synthetic peptide of human MK2

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-1F5

**MW:** Calculated MW: 46 kDa; Observed MW: 46 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

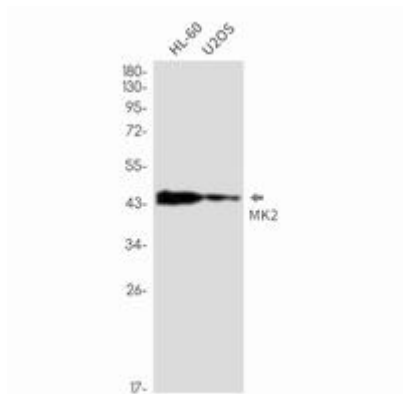
**Conjugation:** Unconjugated

**Modification:** Unmodified

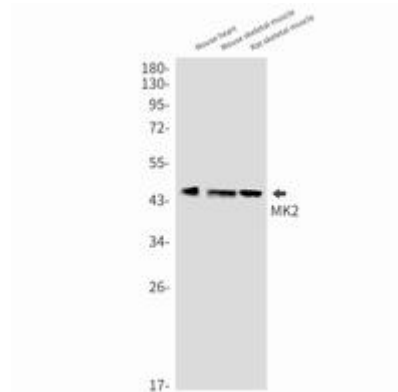
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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