

Goat MAPKAPK2 Polyclonal Antibody | anti-MAPKAPK2 antibody

Goat anti-MAPKAPK2 (aa44-55) Antibody

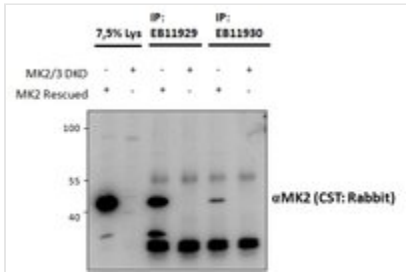
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61648	Goat	Tested: Moiuise; Expected from sequence similarity: Human, Mouse, Rat	Immunoprecipitation, Western Blot, ELISA

PRODUCT SYNONYMS

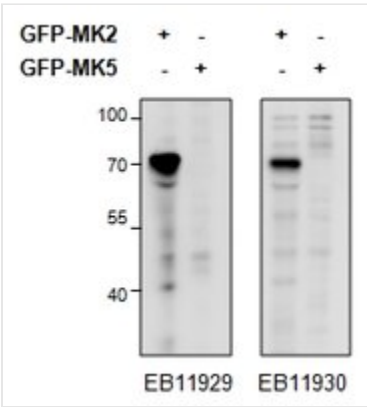
MAPKAPK2; Polyclonal Antibody; Goat anti-MAPKAPK2 (aa44-55) Antibody; Goat Anti-MK2 / MAPKAPK2 Antibody; mitogen-activated protein kinase-activated protein kinase 2; MAPKAP-K2; MK-2; MK2; MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAPK2 antibody; mitogen-activated protein kinase-activated protein kinase 2 antibody; MAPKAP-K2 antibody; MK-2 antibody; MK2 antibody; MAP kinase-activated protein kinase 2 antibody; MAPK-activated protein kinase 2 antibody; MAPKAP kinase 2 antibody; MAPKAPK2 (aa44-55); anti-MAPKAPK2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Moiuise; Expected from sequence similarity: Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	PQFHVKSGLQ IK
Sequence Length	370
Applicable Applications for anti-MAPKAPK2 antibody	IP (Immunoprecipitation), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-PQFHVKSGLQIK, from the internal region of the protein sequence according to NP_004750.1; NP_116584.2.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_004750.1; NP_116584.2).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
And (1.5ug) immunoprecipitations from lysates of MK2/MK3 double knockout MEFs, with (third and fifth lanes) and without (fourth and sixth lanes) rescued MK2 expression through retroviral transduction. The corresponding lysates (first and second lane resp.) were analyzed in parallel in this Western blot labelled with rabbit anti-MK2.



WB (Western Blot)
HEK293 overexpressing Mouse MK2 fused to GFP or overexpressing MK5 fused to GFP and probed with (0.5ug/ml) in the left panel and with (0.5ug/ml) in the right panel.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863901
NCBI GeneID	9261
NCBI Accession #	NP_004750.1; NP_116584.2
NCBI GenBank Nucleotide #	NM_004759.4
Molecular Weight	42,203 Da
NCBI Official Full Name	MAP kinase-activated protein kinase 2 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase-activated protein kinase 2
NCBI Official Symbol	MAPKAPK2
NCBI Official Synonym Symbols	MK2; MK-2; MAPKAP-K2
NCBI Protein Information	MAP kinase-activated protein kinase 2
UniProt Protein Name	MAP kinase-activated protein kinase 2
UniProt Gene Name	MAPKAPK2
UniProt Synonym Gene Names	MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2
UniProt Entry Name	MAPK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.