

Anti-MAPKAPK2 antibody (44-55) (STJ72943)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB-Trf/IP
Host / Source	Goat
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

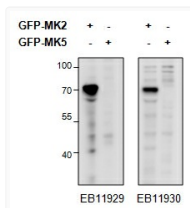
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: In transfected HEK293 transiently expressing either Mouse MK2 fused to GFP or the similar Mouse MK5 fused to GFP, only the expected band was observed in the MK2 lane after EB11929 and
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

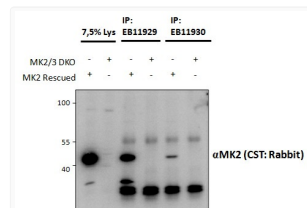
Gene ID	9261
Gene Symbol	MAPKAPK2
UniProt ID	MAPK2_HUMAN
Immunogen Region	44-55
Immunogen Sequence	PQFHVKSGQLQIK
Specificity	This antibody is expected to recognize both reported isoforms (NP_004750.1; NP_116584.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



HEK293 overexpressing Mouse MK2 fused to GFP or overexpressing MK5 fused to GFP and probed with STJ72942 (0.5 µg/ml) in the left panel and with STJ72943 (0.5 µg/ml) in the right panel.



STJ72942 and STJ72943 (1.5 µg) 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.