

## Product datasheet for **AP32811PU-N**

### MAPKAP Kinase 2 (MAPKAPK2) (44-55) Goat Polyclonal Antibody

#### Product data:

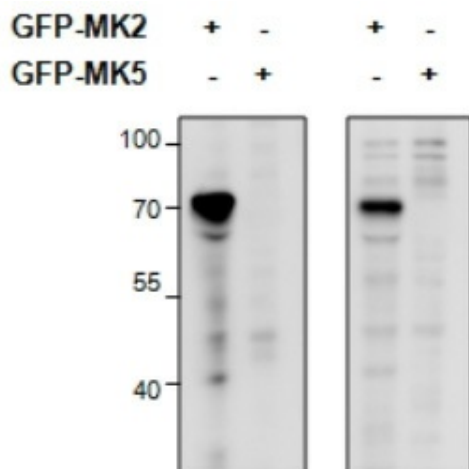
Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/32000 (Detection Limit). <b>Western blot:</b> 0.5-2 µg/ml. In transfected HEK293 transiently expressing either Mouse MK2 fused to GFP or the similar Mouse MK5 fused to GFP, only the expected band was observed in the MK2 lane after AP32810PU-N and AP32811PU-N labeling. <i>Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.</i> <b>Immunoprecipitation:</b> MK2/MK3 double knockout Mouse Embryonic Fibroblasts (MEFs) retrovirally transduced with MK2 or empty vector were lysed from confluent plates and used for IP with 1.5 µg AP32810PU-N or AP32811PU-N. Western blots of the Immunoprecipitation were labelled with Rabbit anti-MK2 (CST). An approx 45kDa of MK2 is only precipitated from lysates of those KO MEFs that have been rescued by the MK2 expression construct as described in PMID: 19743408. <i>Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.</i>
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence (44-55) from the internal region of the protein sequence according to NP_004750.1; NP_116584.2.
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004750.1; NP_116584.2).
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated



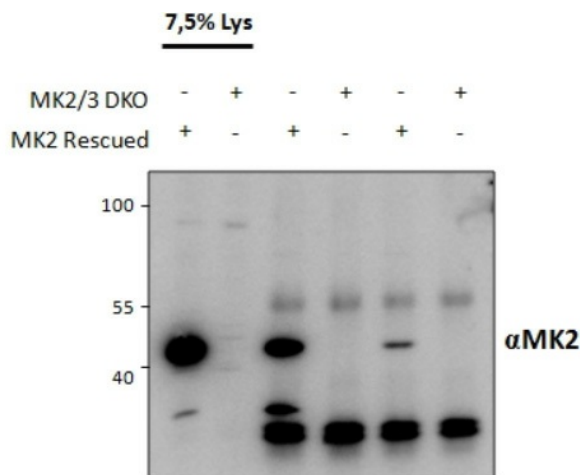
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- Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
- Stability:** Shelf life: one year from despatch.
- Gene Name:** mitogen-activated protein kinase-activated protein kinase 2
- Database Link:** [Entrez Gene 9261 Human P49137](#)
- Synonyms:** MAPK-activated protein kinase 2, MAPKAP kinase 2, MAPKAPK-2, MK2, MAPKAPK2

**Product images:**



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



-N and (1.5 ug) 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.