# Anti-MK5/MAPKAPK5 antibody (Internal) (STJ72940)

STJ72940

## GENERAL INFORMATION

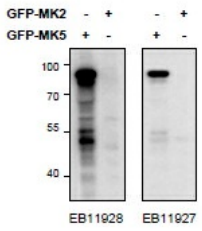
**Product Type** Primary antibodies
**Short Description** Goat polyclonal antibody anti-MK5/MAPKAPK5 (Internal) is suitable for use in ELISA and Western Blot research applications.
**Applications** Pep-ELISA, WB
**Host/Source** Goat
**Reactivity** Human, Mouse, Rat, Dog, Pig, Cow

## PRODUCT PROPERTIES

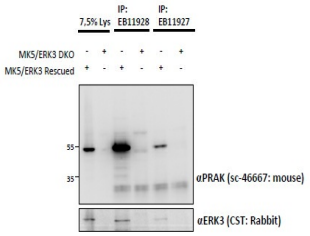
**Clonality** Polyclonal
**Clone ID**
**Concentration** 0.5 mg/mL
**Conjugation** Unconjugated
**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
**Dilution Range** IHC-Recommended concentration, 4-8µg/ml
ELISA-antibody detection limit dilution 1:32000.
**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 on receipt and minimise freeze-thaw cycles.

## TARGET INFORMATION

**Gene ID** 8550
**Gene Symbol** MAPKAPK5
**Uniprot ID** MAPK5_HUMAN
**Immunogen**
**Immunogen Region** Internal
**Specificity**
**Immunogen Sequence** STEALDNVLPSAQ




HEK293 lysate (10ug protein in RIPA buffer) overexpressing Mouse MK5-GFP (first lane) or Mouse MK2-GFP (second lane) probed with STJ72940 (0. 5ug/ml) in right panel and with STJ72941 (0. 5ug/ml) on left panel, Primary incubations were for 2 hours. Detected by chemiluminescence.




STJ72940 and STJ72941 (1. 5ug) immunoprecipitations from lysates of MK5/ERK3 double knockout MEFs, with (third and fifth lanes) and without (fourth and sixth lanes) rescued MK5/ERK3 expression through retroviral transduction. The corresponding lysates (first and second lane resp. ) were analyzed in parallel in this Western blot labelled with mouse anti-MK5/ PRAK (and co-precipitation was measured using rabbit anti-ERK3 in the lower panel).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