Anti-ERK3/MAPK6 antibody (Internal) (STJ72939)

STJ72939

GENERAL INFORMATION

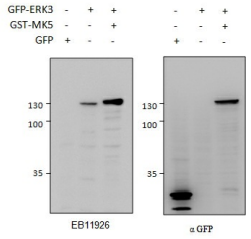
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-ERK3/MAPK6 (Internal) is suitable for use in ELISA research applications.
Applications Pep-ELISA
Host/Source Goat
Reactivity Human, Mouse, Rat, Dog, Pig, Cow

PRODUCT PROPERTIES

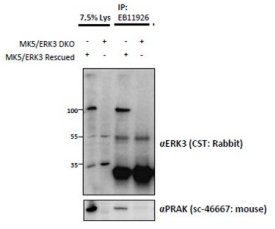
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range IHC-10µg/ml
ELISA-antibody detection limit dilution 1:128000.
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 5597
Gene Symbol MAPK6
Uniprot ID MK06_HUMAN
Immunogen
Immunogen Region Internal
Specificity Reported variants represent identical protein (NP_056621.4; NP_081694.1).
Immunogen Sequence HSPVGSPLKSIQ



HEK293 lysate (10ug protein in RIPA buffer) overexpressing GFP-fused Mouse ERK3 probed with STJ72939 (0. 5ug/ml) in left panel and with anti-GFP in right panel. GFP-only exression in the first lane. Primary incubations were for 2 hours. Detected by chemiluminescence.



STJ72939 (1. 5ug) immunoprecipitation from lysates of MK5/ERK3 double knockout MEFs, with (third lane) and without (fourth lane) 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 rabbit anti-Erk3 (and co-precipitation was measured using mouse anti-MK5/PRAK in the lower panel).

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