

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

STJ72939

GENERAL INFORMATION

Product Type Primary antibodies

Short Goat polyclonal antibody anti-ERK3/MAPK6 (Internal) is suitable for use in ELISA, Western Blot, Immunohistochemistry and

Description Immunoprecipitation research applications.

Applications Pep-ELISA/WB-Trf/IHC/IP

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 Peptide ELISA: antibody detection limit dilution 1:128000.

Range WB: In transfected HEK293 transiently expressing Mouse ERK3/Mapk6 fused to GFP the band with expected size is intensified when

co-expressed with MK5 as the stabilizer for ERK3. No bands a

 $\begin{tabular}{ll} \hline \textbf{Formulation} & 0.5 \text{ mg/ml in Tris saline, } 0.02\% \text{ sodium azide, pH7.3 with } 0.5\% \text{ bovine serum albumin. NA} \\ \hline \end{tabular}$

Isotype IgG

Storage Store at-20°C on receipt and minimise freeze-thaw cycles.

Instruction

TARGET INFORMATION

Gene ID 5597 Gene Symbol MAPK6

Uniprot ID MK06_HUMAN

Immunogen

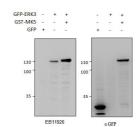
Immunogen Internal

Region

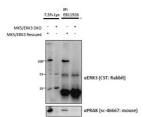
Specificity Reported variants represent identical protein (NP_056621.4; NP_081694.1).

Immunogen HSPVGSPLKSIQ

Sequence



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, Principations were for 2 hours. Detected by chemilluminescence.



SIJ/2939 (1. sug) immunoprecipitation from lysates of MKS/ERIK3 double knockout MEFs, with klirid lane) and without (fourth lane) rescued MKS/ERIK3 expression through retroviral transduction. The corresponding lysates (first and second lane resp.) were analyzed in parallel in this Western blot labelled with rabit anti-Erik (and co-precipitation was measured using mouse anti-MKKS/PBAK in the lower nation.