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Research Use Only. Not for diagnostic or therapeutic use.

EB11390 - Goat Anti-MAPK9 / JNK2 alpha (aa217-230) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: c-Jun kinase 2, c-Jun N-terminal kinase 2, JNK2, JNK2A, JNK2ALPHA, JNK2B, JNK2BETA, JNK-55, Jun kinase, MAP kinase 9, MAPK 9, mitogen-activated protein kinase 9, OTTHUMP00000161542, OTTHUMP00000161543, p54a, p54aSAPK, PRKM9, SAPK, stress-activated protein kinase JNK2, MAPK9

Official Symbol: MAPK9

Accession Number(s): NP_620707.1; NP_002743.3; NP_001128516.1

Human GenelD(s): 5601

Non-Human GenelD(s): 26420 (mouse), 50658 (rat)

 $\textbf{Important Comments:} \ \textbf{This antibody is expected to recognize isoforms alpha1, alpha 2.}$

and gamma (NP_620707.1; NP_002743.3; NP_001128516.1).

Immunogen

Peptide with sequence ELVKGCVIFQGTDH, from the internal region of the protein sequence according to NP_620707.1; NP_002743.3; NP_001128516.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 48kDa band observed in lysates of cell line HeLa (calculated MW of 48.1kDa according to NP_002743.3). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB11390 ($0.03\mu g/ml$) staining of HeLa lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.