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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11391 - Goat Anti-MAPK9 / JNK2 beta (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_620708.1; NP_620709.1

Human GeneID(s): [5601](#)

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

Important Comments: This antibody is expected to recognize isoforms beta1 and beta 2 (NP_620708.1; NP_620709.1).

Immunogen

Peptide with sequence C-EMVLHKVLFPGRDY, from the internal region of the protein sequence according to NP_620708.1; NP_620709.1.

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 1:32000.

Western blot: Approx 48kDa band observed in Human Brain (Cerebellum) and Mouse Brain lysates (calculated MW of 48.3kDa according to NP_620709.1). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human, Mouse

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

EB11391 (0.5µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.