## International Office

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# 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

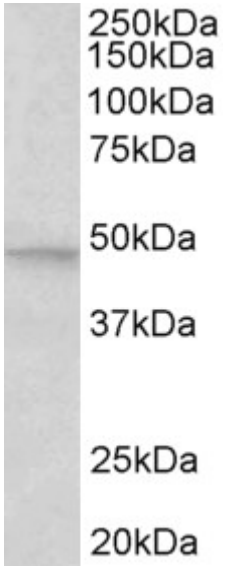
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## 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.