

Goat anti-MAPK9 / JNK2 alpha (aa217-230) Antibody

Item Number	dAP-2617
Target Molecule	Principle Name: MAPK9 / JNK2 alpha (aa217-230); Official Symbol: MAPK9; All Names and Symbols: MAPK9; mitogen-activated protein kinase 9; JNK-55; JNK2; JNK2A; JNK2ALPHA; JNK2B; JNK2BETA; PRKM9; SAPK; p54a; p54aSAPK; Jun kinase; MAP kinase 9; MAPK 9; OTTHUMP00000161542; OTTHUMP00000161543; c-Jun N-terminal kinase 2; c-Jun kinase 2; stress-activated ; Accession Number (s): NP_620707.1; NP_002743.3; NP_001128516.1; Human Gene ID(s): 5601; Non-Human GeneID(s): 26420
Immunogen	ELVKGCVIFQGTDH, is from internal region This antibody is expected to recognize isoforms alpha1, alpha 2. and gamma (NP_620707.1; NP_002743.3; NP_001128516.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Leppä S, Bohmann D. Diverse functions of JNK signaling and c-Jun in stress response and apoptosis. Oncogene. 1999 Nov 1;18(45):6158-62..PMID: 10557107->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**