

Product datasheet for **AP31925PU-N**

JNK2 (MAPK9) (217-230) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Peptide ELISA: 1/16000 (Detection limit). Western Blot: 0.03-0.1 µg/ml. Detects a band of ~48kDa band observed in lysates of cell line HeLa.
Reactivity:	Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_620707.1; NP_002743.3; NP_001128516.1.
Specificity:	This antibody is expected to recognize isoforms alpha 1, alpha 2. and gamma (NP_620707.1, NP_002743.3, NP_001128516.1).
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	48.1 kDa (NP_002743.3).
Gene Name:	mitogen-activated protein kinase 9
Database Link:	Entrez Gene 5601 Human P45984



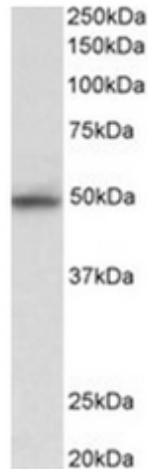
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Background:

JNK2, a MAPK type protein kinase, regulates cell apoptosis, differentiation and growth in response to growth factors, inflammatory cytokines and cellular stress. JNK2 is phosphorylated by MKK4/MAP2K4 and MKK7/MAP2K7. Activated JNK2 translocates to the nucleus where it phosphorylates transcription factors, including c-Jun, ATF2, ELK1, Jun-D and NFAT4. At least four distinct isoforms, resulting from alternatively spliced transcript variants, have been reported - three different isoforms comprised of 382 amino acids and one comprised of 424 amino acids.

Synonyms:

JNK-55, PRKM9, MAP kinase 9

Product images:

JNK2 antibody staining of HeLa lysate at 0.03 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence