

## Product datasheet for **AP20523PU-N**

### JNK2 (MAPK9) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1/500 - 1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of JNK2 protein. (region surrounding Phe280)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store 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:	~ 46 kDa
Gene Name:	mitogen-activated protein kinase 9
Database Link:	<a href="#">Entrez Gene 26420 Mouse</a> <a href="#">Entrez Gene 50658 Rat</a> <a href="#">Entrez Gene 5601 Human P45984</a>
Background:	c-Jun amino terminal kinases (JNKs) are MAP kinase family members that differ from other MAP kinases in that they are phosphorylated at the Thr-Pro-Tyr phosphorylation motif instead of the characteristic MAP kinase Thr-Glu-Tyr motif. JNK2 (p54, a SAPK1a), along with JNK1 and JNK3, is thought to play an important role in nuclear signal transduction through its environmental stress activation and subsequent phosphorylation of the nuclear transcription factor p53.



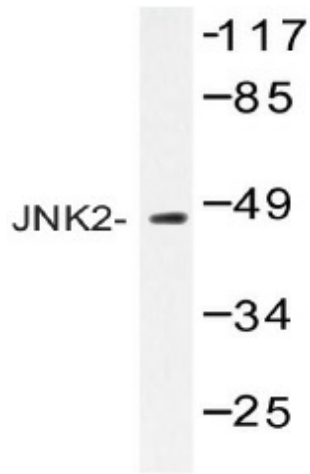
[View online »](#)

**Synonyms:** JNK-55, PRKM9, MAP kinase 9

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase

**Protein Pathways:** Adipocytokine signaling pathway, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Fc epsilon RI signaling pathway, Focal adhesion, GnRH signaling pathway, Insulin signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Progesterone-mediated oocyte maturation, RIG-I-like receptor signaling pathway, T cell receptor signaling pathway, Toll-like receptor signaling pathway, Type II diabetes mellitus, Wnt signaling pathway

### Product images:



Western blot (WB) analysis of JNK2 antibody (Cat.-No.: AP20523PU-N) in extracts from A549 cells.