

Product datasheet for **AP00260PU-N**

MAPK8 / MAPK9 pThr183/pTyr185 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Western Blot: 1-2 µg/ml. Immunoprecipitation: 10-20 µg/ml. Immunocytochemistry: 10-20 µg/ml. Immunohistochemistry: 20-30 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic phospho-peptide corresponding to residues surrounding Thr183/Tyr185 of Human SAPK/JNK
Specificity:	The antibody detects the p46 and p54 JNK/SAPK dually phosphorylated at Thr183 and Tyr185.
Formulation:	PBS, pH 7.2, containing 50% Glycerol, 1% BSA and 0.02% Sodium Azide State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	The JNK pathway is activated by largely distinct stimuli including inflammatory cytokines (such as TNF-alpha and IL-1), UV light, inhibitors of protein synthesis and osmotic stress. Activated MEKK1 phosphorylates SEK1 (also known as MKK4), which in turn activates SAPK (also known as JNK). JNK binds tightly to the N-terminal region of c-Jun and ATF-2, and phosphorylates c-Jun at Ser63 and Ser73 and ATF-2 at Thr69 and Thr71.
Synonyms:	MAPK8, JNK1, PRKM8, SAPK, JNK-1, MAPK-8, JNK-46, MAPK9, MAPK-9, JNK2, PRKM9, JNK-2, JNK-55



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