



JNK1/2/3 (phospho Thr183/Y185) rabbit pAb

Cat#: orb764225 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	JNK1/2/3 (phospho Thr183/Y185) rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Chicken/pig/fish(tested by our customer)
Recommended dilutions	IF: 1:50-200 WB 1:500-2000, IHC 1:50-300 IHC 1:50-300
Immunogen Specificity	The antiserum was produced against synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Thr183 and Tyr185. AA range:151-200 Phospho-JNK1/2/3 (T183/Y185) Polyclonal Antibody detects endogenous levels of JNK1/2/3 protein only when phosphorylated at T183/Y185.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mitogen-activated protein kinase 8/9/10
Gene Name	MAPK8/9/10
Cellular localization	Cytoplasm . Nucleus . Cell junction, synapse . In the cortical neurons, predominantly cytoplasmic and associated with the Golgi apparatus and endosomal fraction. Increased neuronal activity increases phosphorylated form at synapses (By similarity). Colocalizes with POU5F1 in the nucleus
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.



Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	46+54kD
Human Gene ID	5599/5601/5602
Human Swiss-Prot Number	P45983/P45984/P53779
Alternative Names	MAPK8; JNK1; PRKM8; SAPK1; SAPK1C; Mitogen-activated protein kinase 8; MAP kinase 8; MAPK 8; JNK-46; Stress-activated protein kinase 1c; SAPK1c; Stress-activated protein kinase JNK1; c-Jun N-terminal kinase 1; MAPK9; JNK2; PRKM9; SAPK1A; Mi
Background	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF- alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spl