

Basic Information

Product Name	Anti-JNK1/MAPK8 Antibody		
Gene Name	MAPK8		
Source	Rabbit		
Clonality	Polyclonal		
Isotype	IgG		
Species Reactivity	human, mouse		
Tested Application	WB, ICC/IF, IP, ELISA		
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.		
Immunogen	Peptide		
Concentration	500 ug/ml		
Purification	Immunogen affinity purified.		
Observed MW	48 kDa		
Dilution Ratios	Western blot (WB):	1:500-2000	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-400	
	ImmunoPrecipitation (IP):	1:50	
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000	

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

MAPK8(Mitogen-activated protein kinase 8), also known as JNK1, PRKM8, and SAPK1, is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase and JNK family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. 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. This kinase is also involved in UV radiation-induced apoptosis, which is though to be related to the cytochrome c-mediated cell death pathway.

Product datasheet

Anti-JNK1/MAPK8 Antibody

Catalog Number: **A02608-1**



antibody and ELISA experts

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Selected Validation Data