Anti-Phospho-JNK (Thr183/Tyr185) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011306

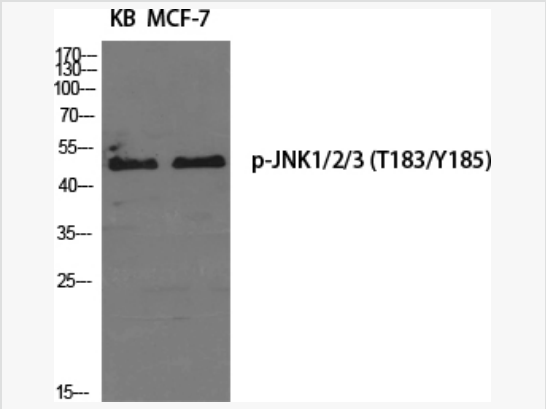
Product Information

Application	ICC/IF, WB, IHC-F, IHC-P, ELISA
Reactivity	Human, Mouse, Rat, Chicken
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Immunogen	The antiserum was produced against synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Thr183 and Tyr185.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped at 4°C. Upon delivery aliquot. Store at 4°C short term (1~2 weeks). Store at -20°C for 2 years. Avoid freeze / thaw cycles.
Precautions	Anti-Phospho-JNK (Thr183/Tyr185) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	AI849689, c Jun N terminal kinase 1, C-JUN kinase 1, c-Jun N-terminal kinase 1, EC 271124, JAK 1A, JAK1A, JNK 1, JNK 46, JNK, JNK-46, JNK1A2, JNK21B1/2, MAP kinase 8, MAPK 8, MAPK8, Mitogen activated protein kinase 8, Mitogen-activated protein kinase 8, MK08_HUMAN, p54 gamma, PRKM 8, PRKM8, Protein kinase JNK1, Protein kinase, mitogen-activated, 8, SAPK 1, SAPK gamma, SAPK1, Stress activated protein kinase JNK1, Stress-activated protein kinase 1, Stress-activated protein kinase JNK1, Tyrosine protein kinase JAK1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 46,54 kDa
Primary Accession	P45983
Gene ID	5599
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 spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

Validation Images



Western blot analysis of Phospho-JNK (Thr183/Tyr185) in various lysates using Phospho-JNK (Thr183/Tyr185) antibody.