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Datasheet for ABIN6982562
anti-JNK1/2 antibody (AA 131-230) (Biotin)

Overview

Quantity:	100 µL
Target:	JNK1/2
Binding Specificity:	AA 131-230
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JNK1/2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human JNK1+JNK2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	JNK1/2
Alternative Name:	JNK1+JNK2 (JNK1/2 Products)

Target Details

Background: Synonyms: JNK1 + JNK2, JNK1 + 2, JNK1/2, c Jun N terminal kinase 1, JNK1, JNK2, JAK 1A, JAK1A, JNK 1, JNK 46, JNK, JNK1A2, JNK21B1/2, MAPK 8, MAPK8, Mitogen activated protein kinase 8, PRKM 8, PRKM8, Protein kinase JNK1, SAPK 1, SAPK gamma, SAPK1, c-Jun, Stress activated protein kinase JNK1, Tyrosine protein kinase JAK1, MK08_HUMAN.

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. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jun 2013]

Gene ID: 5599

UniProt: [P45983](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months