JNK Recombinant antibody

Cat:B36164S

Company: HaoKebio

Uniprot ID:P45983

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 48 kDa

Observed Molecular Weight: 44-48 kDa, 50-55 kDa

Applications: IHC:1:50-1:500
IHC-Polymer:1:200-1:2000
IHC-TSA:1:250-1:2500
WB:1:20000-1:100000
FC:1:100-1:500

Background:

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. MAPK8 functions to phosphorylate c-Jun at N-terminal serine regulatory sites of Ser-63 and Ser-73, mapping within the transactivation domain. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. It has some isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot. This antibody can recognize JNK1, JNK2 and JNK3.

Synonyms:

MAPK8, 6J16, c Jun N terminal kinase 1, EC:2.7.11.24, JNK 1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

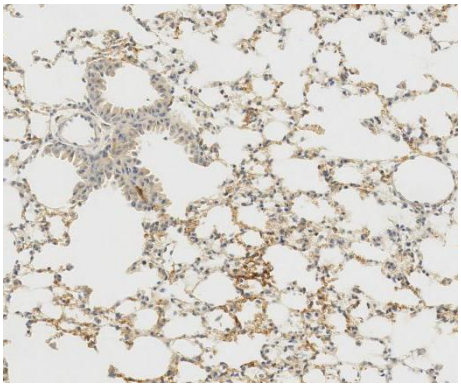
Storage:

Store at -20 ℃ for one year.

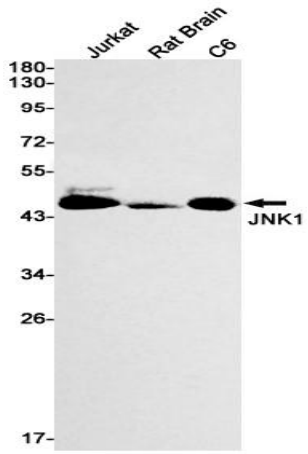
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse lung, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:JNK(B36164S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:JNK(B36164S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.