

MAPK8 antibody

Product Information

Catalog No.:	FNab04444
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 4 isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa.

Immunogen information

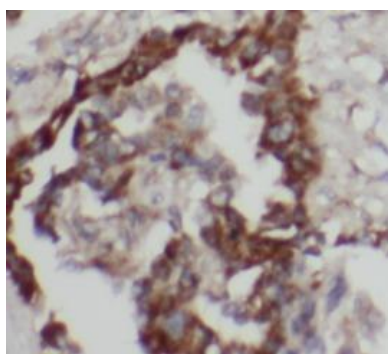
Immunogen:	mitogen-activated protein kinase 8
Synonyms:	Mitogen-activated protein kinase 8 (MAP kinase 8, MAPK 8) JNK-46 Stress-activated protein kinase 1c (SAPK1c) Stress-activated protein kinase JNK1 c-Jun N-terminal kinase 1 MAPK8 JNK1 PRKM8 SAPK1 SAPK1C
Observed MW:	46 kDa, 55 kDa
Uniprot ID :	P45983

Application

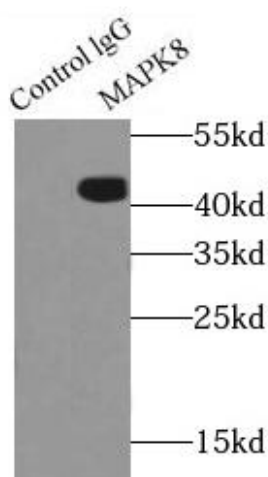
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

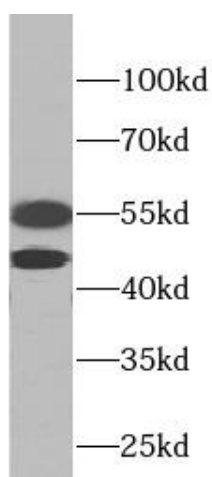
Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab04444(JNK Antibody) at dilution of 1:50



IP Result of anti-JNK (IP: FNab04444, 3ug; Detection: FNab04444 1:1000) with HeLa cells lysate 1000ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab04444(JNK antibody) at dilution of 1:1000