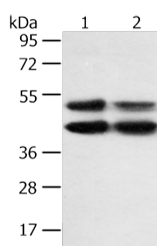


## MAPK8 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-52157	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of K562 and hela cell using MAPK8 Polyclonal Antibody at dilution of 1:600

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human MAPK8
<b>Gene Accession</b>	BC130570
<b>Swissprot</b>	P45983
<b>Synonyms</b>	AI849689,C-JUN kinase 1,c-Jun N-terminal kinase 1,JNK 1,JNK,JNK-46,JNK1A2,JNK21B1/2,MAP kinase 8,MAPK 8,SAPK 1,SAPK gamma,SAPK1

### Product Information

<b>Calculated MW</b>	48 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:1000-1:5000, ELISA 1:2000-1:10000

### 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. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.