

Rabbit JNK1/2/3 (pT183) Polyclonal Antibody | anti-MAPK8 antibody

Anti-JNK1/2/3 (pT183) Phospho Antibody

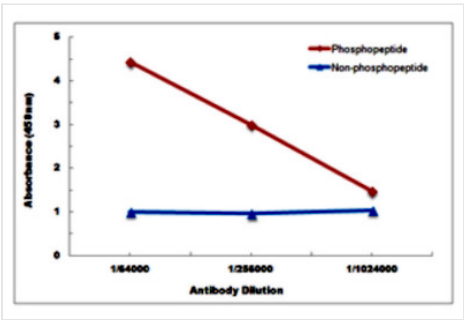
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104862	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

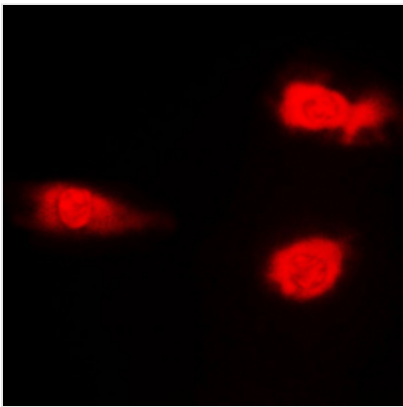
JNK1/2/3 (pT183); Polyclonal Antibody; Anti-JNK1/2/3 (pT183) Phospho Antibody; MAPK8; JNK1; PRKM8; SAPK1; SAPK1C; Mitogen-activated protein kinase 8; MAP kinase 8; JNK-46; Stress-activated protein kinase 1c; SAPK1c; Stress-activated protein kinase JNK1; c-Jun N-terminal kinase 1; MAPK9; JNK2; PRKM9; SAPK1A; Mitogen-activated protein kinase 9; MAP kinase 9; JNK-55; Stress-activated protein kinase 1a; SAPK1a; Stress-activated protein kinase JNK2; c-Jun N-terminal kinase 2; MAPK10; JNK3; JNK3A; PRKM10; SAPK1B; Mitogen-activated protein kinase 10; MAP kinase 10; MAP kinase p49 3F12; Stress-activated protein kinase 1b; SAPK1b; Stress-activated protein kinase JNK3; c-Jun N-terminal kinase 3; anti-MAPK8 antibody

PRODUCT SPECIFICATIONS

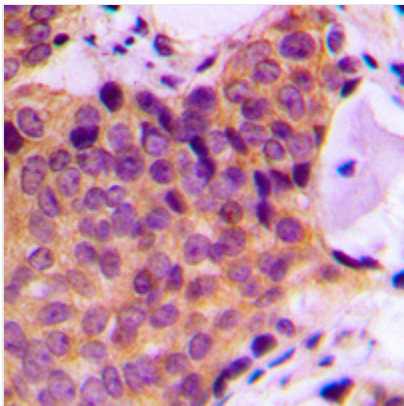
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of JNK1/2/3 (pT183) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	427
Applicable Applications for anti-MAPK8 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Gene Symbol	MAPK8; MAPK9; MAPK10
Entrez Gene	5599, 5601, 5602 (Human) 26419, 26420 (Mouse) 116554, 50658, 25272 (Rat)
Swiss Prot	P45983, P45984, P53779 (Human) Q91Y86, Q9WTU6, Q61831 (Mouse) P49185, P49186, P49187 (Rat)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human JNK1/2/3. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.



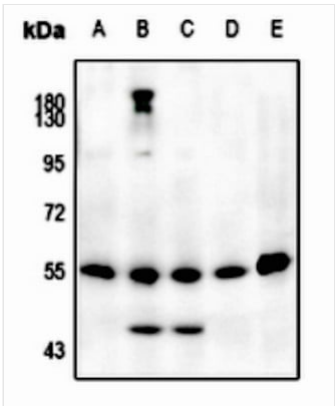
ELISA (Direct ELISA)
Direct ELISA antibody dose-response curve using Anti-JNK1/2/3 (pT183) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



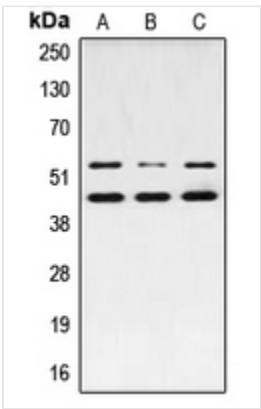
IF (Immunofluorescence)
Immunofluorescent analysis of JNK1/2/3 (pT183) staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)
Immunohistochemical analysis of JNK1/2/3 (pT183) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of JNK1/2/3 (pT183) expression in HCT116 (A), MCF7 (B), A549 (C), rat brain (D), C6 (E) whole cell lysates



WB (Western Blot)
Western blot analysis of JNK1/2/3 (pT183) expression in MCF7 PMA-treated (A), NIH3T3 UV-treated (B), PC12 PMA-treated (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK8 antibody	Rabbit polyclonal antibody to JNK1/2/3 (pT183)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	513788279
NCBI GeneID	5599
NCBI Accession #	NP_001265476.1
NCBI GenBank Nucleotide #	NM_001278547.1
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92
NCBI Official Full Name	mitogen-activated protein kinase 8 JNK1 beta2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8
NCBI Official Symbol	MAPK8
NCBI Official Synonym Symbols	JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2
NCBI Protein Information	mitogen-activated protein kinase 8; MAP kinase 8; JUN N-terminal kinase; c-Jun N-terminal kinase 1; stress-activated protein kinase 1; stress-activated protein kinase 1c; mitogen-activated protein kinase 8 isoform JNK1 beta2; mitogen-activated protein kinase 8 isoform JNK1 alpha1
UniProt Protein Name	Mitogen-activated protein kinase 8
UniProt Gene Name	MAPK8
UniProt Synonym Gene Names	JNK1; PRKM8; SAPK1; SAPK1C; MAP kinase 8; MAPK 8; SAPK1c
UniProt Entry Name	MK08_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jnk1-2-3-pt183-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104862>