

Rabbit anti-Human, mouse MAPK11 Polyclonal Antibody | anti-MAPK11 antibody

MAPK11 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284883	Rabbit	Human, mouse	ELISA, Western Blot

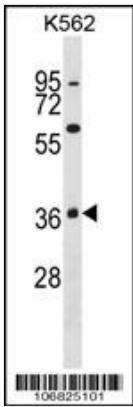
PRODUCT SYNONYMS

MAPK11; Polyclonal Antibody; MAPK11 Antibody (C-term); Mitogen-activated protein kinase 11; MAP kinase 11; MAPK 11; Mitogen-activated protein kinase p38 beta; MAP kinase p38 beta; p38b; Stress-activated protein kinase 2b; SAPK2b; p38-2; PRKM11; SAPK2; SAPK2B; anti-MAPK11 antibody

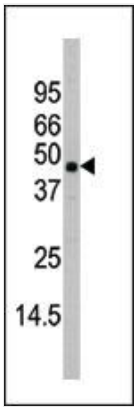
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-359 amino acids from the C-terminal region of human MAPK11.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	334-359
Sequence Length	213
Applicable Applications for anti-MAPK11 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
P38beta Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the P38beta antibody detected the P38beta protein (arrow).



WB (Western Blot)
Western blot analysis of anti-P38beta Antibody (C-term) in mouse heart tissue lysates (35ug/lane). P38beta (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK11 antibody	P38 beta is a member of the MAP kinase subfamily of Ser/Thr protein kinases. 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 closely related to p38 MAP kinase, both of which can be activated by changes in osmolarity of the extracellular environment, proinflammatory cytokines and cellular stress. This protein preferentially phosphorylates transcription factor ATF2. It is activated by phosphorylation on threonine and tyrosine by MKK6, and inhibited by pyridinyl-imidazole related compounds. Highest levels of expression are found in the brain and heart, with additional expression in the placenta, lung, liver, skeletal muscle, kidney and pancreas.
Product Categories/Family for anti-MAPK11 antibody	Signal Transduction; Autophagy
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Dunham, I., et al., Nature 402(6761):489-495 (1999). Enslen, H., et al., J. Biol. Chem. 273(3):1741-1748 (1998). Kumar, S., et al., Biochem. Biophys. Res. Commun. 235(3):533-538 (1997). Goedert, M., et al., EMBO J. 16(12):3563-3571 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	20128774
NCBI GeneID	5600
NCBI Accession #	NP_002742.3
NCBI GenBank Nucleotide #	NM_002751.6
UniProt Accession #	Q15759; O00284; O15472; Q2XNF2; A8K730; B0LPG1; B7Z630; E7ETQ1; L7RT27
Molecular Weight	41357
NCBI Official Full Name	mitogen-activated protein kinase 11
NCBI Official Synonym Full Names	mitogen-activated protein kinase 11
NCBI Official Symbol	MAPK11
NCBI Official Synonym Symbols	P38B; SAPK2; p38-2; PRKM11; SAPK2B; p38Beta; P38BETA2
NCBI Protein Information	mitogen-activated protein kinase 11
UniProt Protein Name	Mitogen-activated protein kinase 11

UniProt Gene Name	MAPK11
UniProt Synonym Gene Names	PRKM11; SAPK2; SAPK2B; MAP kinase 11; MAPK 11; MAP kinase p38 beta; p38b; SAPK2b
UniProt Entry Name	MK11_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mapk11-antibody-western-blot-elisa/284883>