

Rabbit MAPK11 Polyclonal Antibody | anti-MAPK11 antibody

Anti-MAPK11 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254407	Rabbit	HumanPredicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

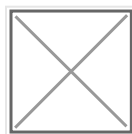
PRODUCT SYNONYMS

MAPK11; Polyclonal Antibody; Anti-MAPK11 Antibody; Rabbit Polyclonal; MAPK11 Antibody; Rabbit PAb; Antigen Affinity Purified; mitogen-activated protein kinase 11; Anti-p38-2 Antibody; Anti-P38B Antibody; Anti-p38Beta Antibody; Anti-P38BETA2 Antibody; Anti-PRKM11 Antibody; Anti-SAPK2 Antibody; Anti-SAPK2B Antibody; anti-MAPK11 antibody

PRODUCT SPECIFICATIONS

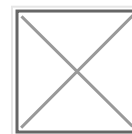
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MAPK11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MAPK11 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human MAPK11
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human MAPK11, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MAPK11 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-HUMAN MAPK11 polyclonal antibody (dilution ratio: 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



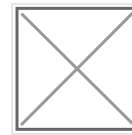
IHC (Immunohistochemistry)

Immunochemical staining of human MAPK11 in human liver with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human MAPK11 in human breast carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-MAPK11 rabbit polyclonal antibody at 1:500 dilution Lane A: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 41 kDa Observed band size: 36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK11 antibody	The p38 kinases are one of the four subgroups of the mitogen-activated protein kinase (MAPK) superfamily which are involved in innate immunity. The p38 subfamily includes four members namely p38alpha (MAPK14), p38beta (MAPK11), p38gamma (MAPK12), and p38delta (MAPK13), regulates the activation of several transcription factors. MAPK11 (Mitogen-Activated Protein Kinase 11) is a Protein Coding gene. This gene encodes a member of a family of protein kinases that are involved in the integration of biochemical signals for a wide variety of cellular processes, including cell proliferation, differentiation, transcriptional regulation, and development. MAPK11 is widely expressed in fat, the brain, and other tissues. The encoded protein can be activated by proinflammatory cytokines and environmental stresses through phosphorylation by mitogen-activated protein kinase kinases (MKKs).
Product Categories/Family for anti-MAPK11 antibody	VEGF Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	134047835
NCBI GeneID	5600
UniProt Accession #	Q15759; O00284; O15472; Q2XNF2; A8K730; B0LPG1; B7Z630; E7ETQ1; L7RT27
Molecular Weight	364
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; MAP kinase 11; MAP kinase p38 beta; stress-activated protein kinase-2; stress-activated protein kinase-2b; mitogen-activated protein kinase p38-2; mitogen-activated protein kinase p38 beta
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mapk11-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/254407>