

Chicken MAPK11 Polyclonal Antibody | anti-MAPK11 antibody

MAPK11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226362	Chicken	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

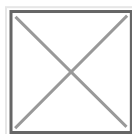
MAPK11; Polyclonal Antibody; MAPK11 Antibody; Affinity Purified Mitogen-activated protein kinase 11 Antibody; Human p38Beta MAP kinase mRNA complete cds antibody; MAP kinase 11 antibody; MAP kinase p38 beta antibody; Mitogen activated protein kinase 11 antibody; Mitogen activated protein kinase p38 2 antibody; Mitogen-activated protein kinase p38 beta antibody; MK11_HUMAN antibody; p38Beta antibody; PRKM11 antibody; Protein kinase mitogen activated 11 antibody; SAPK2B antibody; Stress activated protein kinase 2b antibody; anti-MAPK11 antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	364
Applicable Applications for anti-MAPK11 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 300-350 on human Mitogen-activated protein kinase 11.
Conjugation	Unconjugated
Molecular Function	Kinase; Serine/threonine-protein kinase; Transferase
Subcellular Location	Cytoplasm; Nucleus
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES

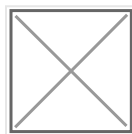
IHC (Immunohistochemisry)



IHC (Immunohiostchemistry)



WB (Western Blot)



ADDITIONAL INFORMATION

Related Product Information for anti-MAPK11 antibody	Overview: Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK11 is one of the four p38 MAPKs which play an important role in the cascades of cellular responses evoked by extracellular stimuli such as proinflammatory cytokines or physical stress leading to direct activation of transcription factors. Accordingly, p38 MAPKs phosphorylate a broad range of proteins and it has been estimated that they may have approximately 200 to 300 substrates each. MAPK11 functions are mostly redundant with those of MAPK14. Some of the targets are downstream kinases which are activated through phosphorylation and further phosphorylate additional targets. Structure: Interacts with HDAC3 and DUSP16. Expression: Highest levels in the brain and heart. Also expressed in the placenta, lung, liver, skeletal muscle, kidney and pancreas.
Product Categories/Family for anti-MAPK11 antibody	Primary Antibodies; Protein Kinases; Serine/Threonine Kinases; MAPK Pathway; MAPK11 Antibody

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	23,603 Da
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

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.