

Chicken MAPK10 Polyclonal Antibody | anti-MAPK10 antibody

MAPK10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226361	Chicken	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

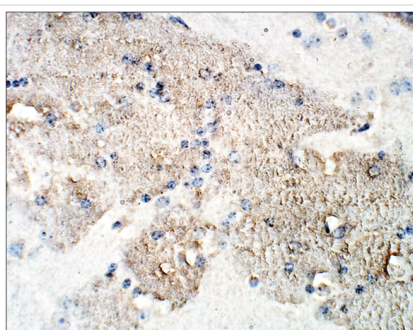
PRODUCT SYNONYMS

MAPK10; Polyclonal Antibody; MAPK10 Antibody; Affinity Purified Mitogen-activated protein kinase 10 Antibody; c Jun kinase 3 antibody; c-Jun N-terminal kinase 3 antibody; JNK3 alpha protein kinase antibody; JNK3 antibody; JNK3A antibody; MAP kinase 10 antibody; MAP kinase p49 3F12 antibody; MAPK 10 antibody; mitogen activated protein kinase 10 antibody; PRKM10 antibody; protein kinase mitogen activated 10 antibody; SAPK1b antibody; Stress activated protein kinase 1b antibody; stress activated protein kinase beta antibody; Stress activated protein kinase JNK3 antibody; anti-MAPK10 antibody

PRODUCT SPECIFICATIONS

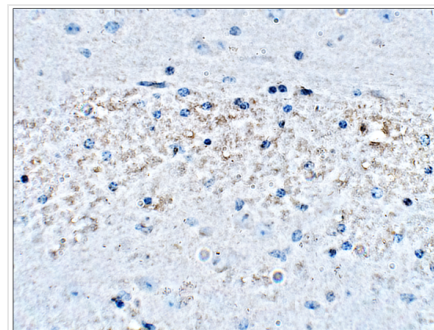
Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	464
Applicable Applications for anti-MAPK10 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 375-425 on human Mitogen-activated protein kinase 10.
Conjugation	Unconjugated
Molecular Function	Kinase; Serine/threonine-protein kinase; Transferase
Subcellular Location	Cytoplasm; Membrane; Mitochondrion; Nucleus
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES



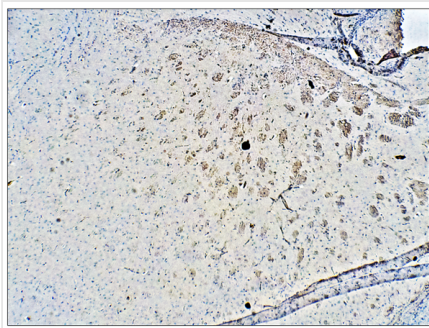
Mouse Brain- MAPK10
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification on Leica DM4000. FFPE section.

IHC (Immunohistochemistry)



Mouse Brain- MAPK10
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification on Leica DM4000. FFPE section.

IHC (Immunohistochemistry)



Mouse Brain- MAPK10
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
5X magnification on Leica DM4000. FFPE section.

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK10 antibody	Overview: Serine/threonine-protein kinase involved in various processes such as neuronal proliferation, differentiation, migration and programmed cell death. Extracellular stimuli such as proinflammatory cytokines or physical stress stimulate the stress-activated protein kinase/c-Jun N-terminal kinase (SAP/JNK) signaling pathway. Structure: The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases. Expression: Specific to a subset of neurons in the nervous system. Present in the hippocampus and areas, cerebellum, striatum, brain stem, and weakly in the spinal cord. Very weak expression in testis and kidney.
Product Categories/Family for anti-MAPK10 antibody	Primary Antibodies; Protein Kinases; Serine/Threonine Kinases; MAPK Pathway; MAPK10 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	969536252
NCBI GeneID	5602
NCBI Accession #	NP_001304996.1
NCBI GenBank Nucleotide #	NM_001318067.1
UniProt Accession #	P53779 ; Q15707 ; Q49AP1 ; A6NFS3 ; A6NG28 ; B3KQ94
Molecular Weight	48,128 Da
NCBI Official Full Name	mitogen-activated protein kinase 10 isoform 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase 10
NCBI Official Symbol	MAPK10
NCBI Official Synonym Symbols	JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK
NCBI Protein Information	mitogen-activated protein kinase 10
UniProt Protein Name	Mitogen-activated protein kinase 10
UniProt Gene Name	MAPK10
UniProt Synonym Gene Names	JNK3; JNK3A; PRKM10; SAPK1B; MAP kinase 10; MAPK 10; SAPK1b

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.