

Chicken MAP2K1 Polyclonal Antibody | anti-MAP2K1 antibody

MAP2K1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226359	Chicken	Human, Mouse, Rat	Immunocytochemistry, Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

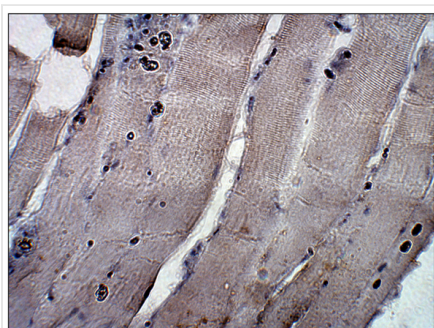
PRODUCT SYNONYMS

MAP2K1; Polyclonal Antibody; MAP2K1 Antibody; Affinity Purified Mitogen-activated protein kinase kinase 1 Antibody; Dual specificity mitogen activated protein kinase kinase 1 antibody; ERK activator kinase 1 antibody; MAP kinase/Erk kinase 1 antibody; MAP2K1 antibody; MAPKK 1 antibody; MAPKK1 antibody; MEKK1 antibody; Mitogen activated protein kinase kinase 1 antibody; MKK1 antibody; PRKMK1 antibody; Protein kinase mitogen activated; kinase 1 antibody; anti-MAP2K1 antibody

PRODUCT SPECIFICATIONS

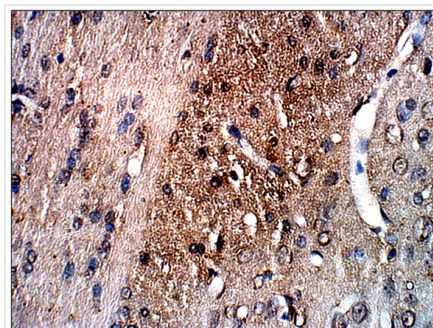
Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	393
Applicable Applications for anti-MAP2K1 antibody	ICC (Immunocytochemistry), WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 300-350 on human Mitogen-activated protein kinase kinase 1.
Conjugation	Unconjugated
Molecular Function	Kinase; Serine/threonine-protein kinase; Transferase; Tyrosine-protein kinase
Subcellular Location	Cytoplasm; Cytoskeleton; Membrane; Nucleus
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES



Mouse Skeletal Muscle- MEK1 (MAP2K1)
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification. FFPE section.

IHC (Immunohistochemistry)



Mouse Brain- MEK1 (MAP2K1)
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification. FFPE section.

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K1 antibody	Overview: Dual specificity protein kinase which acts as an essential component of the MAP kinase signal transduction pathway. Binding of extracellular ligands such as growth factors, cytokines and hormones to their cell-surface receptors activates RAS and this initiates RAF1 activation. Structure: The proline-rich region localized between residues 270 and 307 is important for binding to RAF1 and activation of MAP2K1/MEK1. Expression: Widely expressed, with extremely low levels in brain.
Product Categories/Family for anti-MAP2K1 antibody	Primary Antibodies; Protein Kinases; Serine/Threonine Kinases; MAPK Pathway; MAP2K1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5579478
NCBI GeneID	5604
NCBI Accession #	NP_002746.1
NCBI GenBank Nucleotide #	NM_002755.3
UniProt Accession #	Q02750
Molecular Weight	40,764 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 1
NCBI Official Symbol	MAP2K1
NCBI Official Synonym Symbols	CFC3; MEK1; MKK1; MAPKK1; PRKMK1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 1
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 1
UniProt Gene Name	MAP2K1
UniProt Synonym Gene Names	MEK1; PRKMK1; MAP kinase kinase 1; MAPKK 1; MKK1; MEK 1

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.