

Chicken MAPK6 Polyclonal Antibody | anti-MAPK6 antibody

MAPK6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226365	Chicken	Human, Mouse, Rat	Western Blot, Immunoprecipitation, ELISA

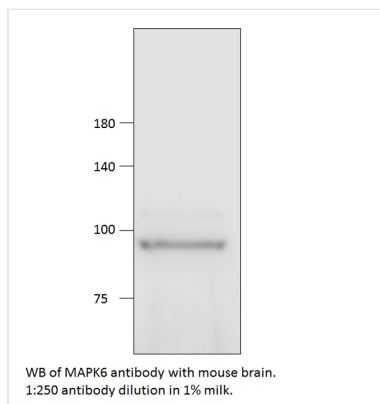
PRODUCT SYNONYMS

MAPK6; Polyclonal Antibody; MAPK6 Antibody; Affinity Purified Mitogen-activated protein kinase 6 Antibody; ERK3 antibody; Extracellular signal regulated kinase p97 antibody; Extracellular signal-regulated kinase 3 antibody; HsT17250 antibody; MAP kinase 6 antibody; MAP kinase isoform p97 antibody; Mitogen activated protein kinase 6 antibody; p97 MAPK antibody; PRKM6 antibody; Protein kinase mitogen activated 6 antibody; anti-MAPK6 antibody

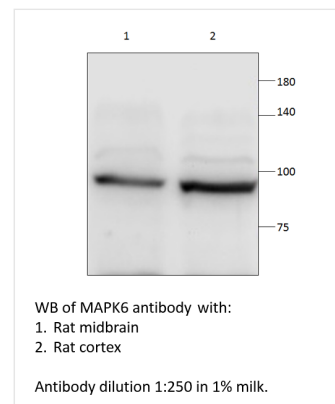
PRODUCT SPECIFICATIONS

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	721
Applicable Applications for anti-MAPK6 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 480-530 on human Mitogen-activated protein kinase 6.
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



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK6 antibody	Overview: Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle. Structure: In contrast to classical MAPKs, the TXY motif within the activation loop is replaced by the SEG motif, whose phosphorylation activates the MAP kinases. Expression: Highest expression in the skeletal muscle, followed by the brain. Also found in heart, placenta, lung, liver, pancreas, kidney and skin fibroblasts.
Product Categories/Family for anti-MAPK6 antibody	Primary Antibodies; Protein Kinases; Serine/Threonine Kinases; MAPK Pathway; MAPK6 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506091
NCBI GeneID	5597
NCBI Accession #	NP_002739.1
NCBI GenBank Nucleotide #	NM_002748.3
UniProt Accession #	Q16659; Q68DH4; Q8IYN8; B2R945; B5BU65
Molecular Weight	82,681 Da
NCBI Official Full Name	mitogen-activated protein kinase 6
NCBI Official Synonym Full Names	mitogen-activated protein kinase 6
NCBI Official Symbol	MAPK6
NCBI Official Synonym Symbols	ERK3; PRKM6; p97MAPK; HsT17250
NCBI Protein Information	mitogen-activated protein kinase 6
UniProt Protein Name	Mitogen-activated protein kinase 6
UniProt Gene Name	MAPK6
UniProt Synonym Gene Names	ERK3; PRKM6; MAP kinase 6; MAPK 6; ERK-3; p97-MAPK

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/mapk6-antibody-western-blot-immunoprecipitation-elisa/226365>