

MAPK6 Polyclonal Antibody | anti-MAPK6 antibody

Anti-MAPK6 Antibody

CATALOG # AAA46278	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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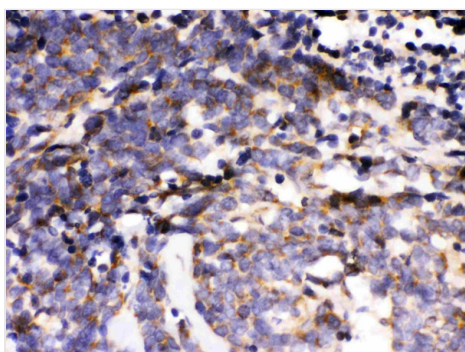
PRODUCT SYNONYMS

MAPK6; Polyclonal Antibody; Anti-MAPK6 Antibody; Mitogen-activated protein kinase 6; ERK-3; ERK3; Extracellular signal regulated kinase 3; Extracellular signal regulated kinase p97; Extracellular signal-regulated kinase 3; HsT17250; MAP kinase 6; MAP kinase isoform p97; MAPK 6; Mitogen activated protein kinase 6; MK06_HUMAN; p97 MAPK; p97-MAPK; PRKM6; Protein kinase mitogen activated 5; Protein kinase mitogen activated 6; mitogen-activated protein kinase 6; anti-MAPK6 antibody

PRODUCT SPECIFICATIONS

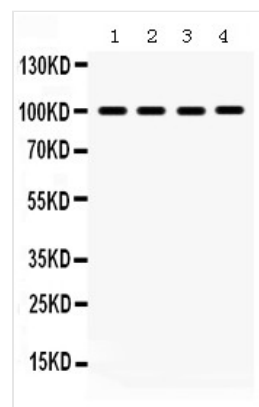
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	721
Applicable Applications for anti-MAPK6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human MAPK6 recombinant protein (Position: E520-N721). Human MAPK6 shares 86.2% and 82.8% amino acid (aa) sequence identity with mouse and rat MAPK6, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- MAPK6 Picoband antibody, AAA46278, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- MAPK6 Picoband antibody, AAA46278, Western blottingAll lanes: Anti MAPK6 (AAA46278) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Skeletal Muscle Tissue Lysate at 50ugLane 3: PANC Whole Cell Lysate at 40ugLane 4: NIH3T3 Whole Cell Lysate at 40ugPredicted bind size: 68KDObserved bind size: 100KD

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK6 antibody	Description: Rabbit IgG polyclonal antibody for Mitogen-activated protein kinase 6(MAPK6) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Mitogen-activated protein kinase 6 is an enzyme that in humans is encoded by the MAPK6 gene. It is mapped to 15q21. The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters.
References	1. "Entrez Gene: MAPK6 mitogen-activated protein kinase 6". 2. Cheng M, Boulton TG, Cobb MH (1996). "ERK3 is a constitutively nuclear protein kinase". J. Biol. Chem.271 (15): 8951-8958. 3. Meloche S, Beatty BG, Pellerin J (Dec 1996). "Primary structure, expression and chromosomal locus of a human homolog of rat ERK3". Oncogene 13 (7): 1575-9.

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
UniProt Entry Name	MK06_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.