

Rabbit MEK3 Polyclonal Antibody | anti-MAP2K3 antibody

Anti-MEK3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45055	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

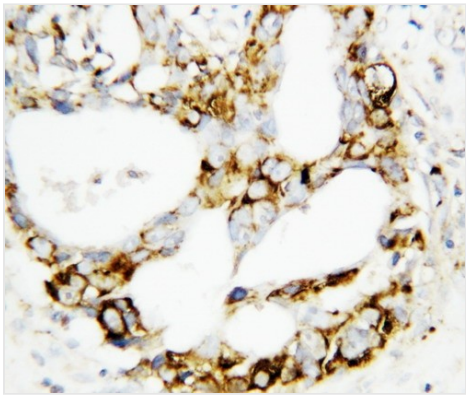
PRODUCT SYNONYMS

MEK3; Polyclonal Antibody; Anti-MEK3 antibody; Dual specificity mitogen-activated protein kinase kinase 3(MAP kinase kinase 3/MAPKK 3); mitogen-activated protein kinase kinase 3; AW212142 antibody; Dual specificity mitogen activated protein kinase kinase 3 antibody; Dual specificity mitogen-activated protein kinase kinase 3 antibody; ERK kinase 3 antibody; MAP kinase kinase 3 antibody; MAP2K 3 antibody; map2k3 antibody; MAPK ERK kinase 3 antibody; MAPK kinase 3 antibody; MAPK/ERK kinase 3 antibody; MAPKK 3 antibody; MAPKK3 antibody; MEK 3 antibody; MEK3 antibody; Mitogen activated protein kinase kinase 3 antibody; MKK 3 antibody; MKK3 antibody; mMKK 3b antibody; mMKK3b antibody; MP2K3_HUMAN antibody; MPK 3 antibody; PRKMK 3 antibody; PRKMK3 antibody; Protein kinase mitogen activated kinase 3 antibody; protein kinase; mitogen-activated; kinase 3 antibody; SAPK kinase 2 antibody; SAPKK 2 antibody; SAPKK2 antibody; SKK2 antibody; Stress activated protein kinase kinase 2 antibody; zMKK 3 antibody; anti-MAP2K3 antibody

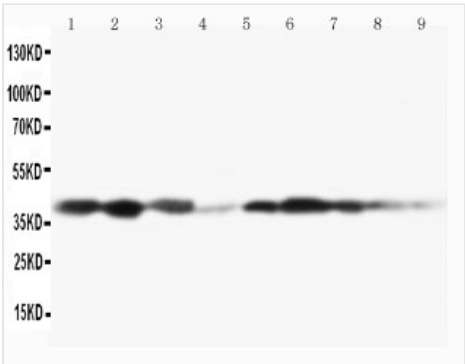
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	347
Applicable Applications for anti-MAP2K3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MEK3 (320-334aa MEHPFFTLHKTKTD), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
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 aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-MEK3 antibody, AAA45055, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-MEK3 antibody, AAA45055, Western blottingLane 1: Rat Spleen Tissue LysateLane 2: Rat Thymus Tissue LysateLane 3: Rat Skeletal Muscle Tissue LysateLane 4: Rat Kidney Tissue LysateLane 5: MCF-7 Cell LysateLane 6: HELA Cell LysateLane 7: RAJI Cell LysateLane 8: CEM Cell LysateLane 9: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K3 antibody	Description: Rabbit IgG polyclonal antibody for Dual specificity mitogen-activated protein kinase kinase 3(MAP2K3) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Dual specificity mitogen-activated protein kinase kinase 3 is an enzyme that in humans is encoded by the MAP2K3 gene. The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. Rampoldi et al.(1997) localized the MAP2K3 gene to 17q11.2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24638466
NCBI GeneID	5606
UniProt Accession #	P46734; Q99441; Q9UE71; Q9UE72; B3KSK7
Molecular Weight	39,940 Da
NCBI Official Full Name	Dual specificity mitogen-activated protein kinase kinase 3
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 3
NCBI Official Symbol	MAP2K3
NCBI Official Synonym Symbols	MEK3; MKK3; MAPKK3; PRKMK3; SAPKK2; SAPKK-2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 3; MEK 3; MAPKK 3; SAPK kinase 2; MAPK/ERK kinase 3; MAP kinase kinase 3; stress-activated protein kinase kinase 2
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Gene Name	MAP2K3
UniProt Synonym Gene Names	MEK3; MKK3; PRKMK3; SKK2; MAP kinase kinase 3; MAPKK 3; MEK 3; SAPK kinase 2; SAPKK-2; SAPKK2
UniProt Entry Name	MP2K3_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.

