

MEK3 Polyclonal Antibody | anti-MEK3 antibody

Anti-MEK3 Antibody

CATALOG # AAA46360	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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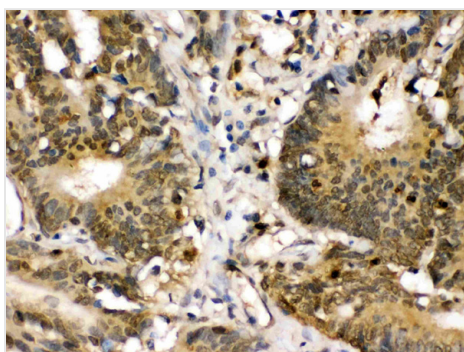
PRODUCT SYNONYMS

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

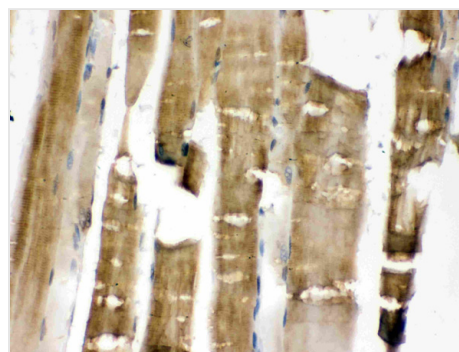
PRODUCT SPECIFICATIONS

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	318
Applicable Applications for anti-MEK3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MEK3 (311-347aa AERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGEDS), identical to the related mouse sequence.
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.

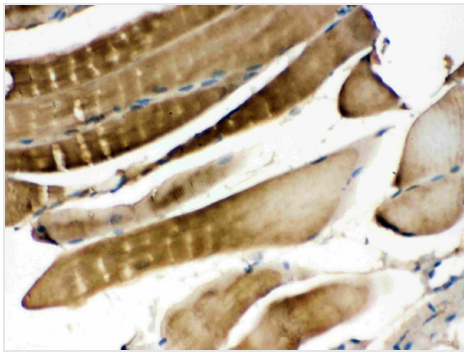
IMAGES


IHC (Immunohistochemistry)

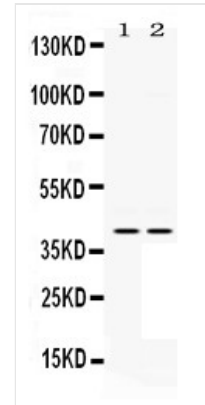
Anti- MEK3 Picoband antibody, AAA46360, IHC(P)IHC(P): Human Intestinal Cancer Tissue


IHC (Immunohistochemistry)

Anti- MEK3 Picoband antibody, AAA46360, IHC(P)IHC(P): Rat Skeletal Muscle Tissue



IHC (Immunohistochemistry)
Anti- MEK3 Picoband antibody, AAA46360, IHC(P)IHC(P): Mouse Skeletal Muscle Tissue



WB (Western Blot)
Anti- MEK3 Picoband antibody, AAA46360, Western blottingAll lanes: Anti MEK3 (AAA46360) at 0.5ug/mlLane 1: Mouse Spleen Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugPredicted bind size: 40KD
Observed bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-MEK3 antibody	Description: Rabbit IgG polyclonal antibody for Dual specificity mitogen-activated protein kinase kinase 3(MAP kinase kinase 3/MAPKK 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. And 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.
References	1. Rampoldi L, Zimbello R, Bortoluzzi S, Tiso N, Valle G, Lanfranchi G, Danieli GA (Mar 1998). "Chromosomal localization of four MAPK signaling cascade genes: MEK1, MEK3, MEK4 and MEKK5". Cytogenet Cell Genet 78 (3-4): 301-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	938403439
NCBI GeneID	5606
NCBI Accession #	NP_001303261.1
NCBI GenBank Nucleotide #	NM_001316332.1
UniProt Accession #	P46734; Q99441; Q9UE71; Q9UE72; B3KSK7
Molecular Weight	39,940 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 3 isoform A
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
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

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://www.aaabiotech.com/polyclonal/mek3-antibody-immunohistochemistry-western-blot-elisa/46360>