

Rabbit MEK1 Polyclonal Antibody | anti-MEK1 antibody

MEK1 Antibody (Ser221)

CATALOG # AAA226071	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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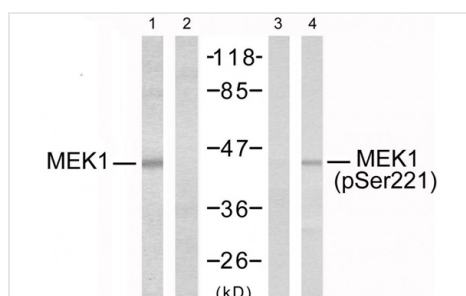
PRODUCT SYNONYMS

MEK1; Polyclonal Antibody; MEK1 Antibody (Ser221); Rabbit Polyclonal MEK1 Antibody (Ser221); Polyclonal MEK1 antibody; Anti-MEK1 antibody; Dual specificity mitogen-activated protein kinase kinase 1 antibody; ERK activator kinase 1 antibody; MAP kinase kinase 1 antibody; MAP2K1 antibody; MAPK/ERK kinase 1 antibody; MAPKK 1 antibody; MAPKK1 antibody; MEK 1 antibody; MEK1 antibody; mitogen-activated protein kinase kinase 1 antibody; MKK1 antibody; MP2K1 antibody; PRKMK1 antibody; protein kinase mitogen-activated kinase 1 (MAP kinase kinase 1) antibody; anti-MEK1 antibody

PRODUCT SPECIFICATIONS

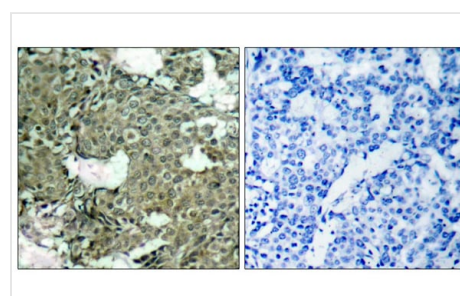
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	MEK1 antibody (Ser221) detects endogenous levels of MEK1 only when phosphorylated at serine 221
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-MEK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	MEK1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human MEK1 around the phosphorylation site of serine 221 (A-N-SP-F-V) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using MEK1 antibody and MEK1 antibody (Ser221) (Lanes 3 and 4)



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1 antibody (Ser221)

ADDITIONAL INFORMATION

Related Product Information for anti-MEK1 antibody	MEK1 is a dual threonine and tyrosine recognition kinase that phosphorylates and activates mitogen-activated protein kinase (MAPK). MEK1 is in turn activated by phosphorylation.
Product Categories/Family for anti-MEK1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2196704
NCBI GeneID	828713
NCBI Official Full Name	MEK1
NCBI Official Symbol	MEK1
NCBI Official Synonym Symbols	ATMEK1; F20B18.180; F20B18_180; MAP kinase/ ERK kinase 1; MITOGEN ACTIVATED PROTEIN KINASE KINASE; MITOGEN ACTIVATED PROTEIN KINASE KINASE 1; MKK1; NMAPKK
NCBI Protein Information	MAP kinase/ ERK kinase 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mek1-antibody-immunohistochemistry-western-blot-elisa/226071>