

Rabbit MEK1/MEK2 Polyclonal Antibody | anti-MEK1/MEK2 antibody

MEK1/MEK2 antibody

CATALOG # AAA107675	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	---

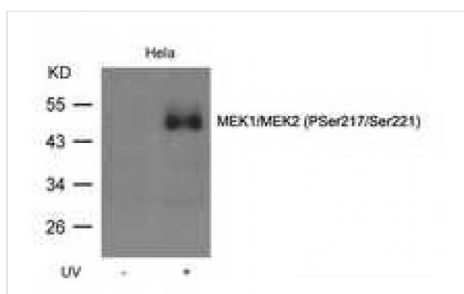
PRODUCT SYNONYMS

MEK1/MEK2; Polyclonal Antibody; MEK1/MEK2 antibody; Polyclonal MEK1/MEK2; Anti-MEK1/MEK2; Phospho Ser217/Ser221; MEK/MEK2-1; MEK/MEK2 1; anti-MEK1/MEK2 antibody

PRODUCT SPECIFICATIONS

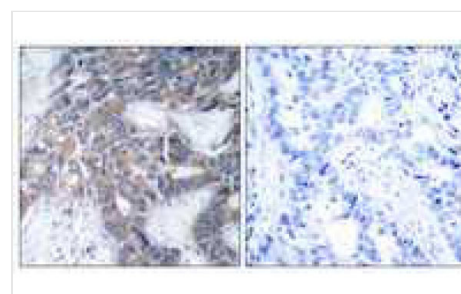
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	MEK1/MEK2 antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	401
Applicable Applications for anti-MEK1/MEK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	MEK is a dual-specificity kinase that phosphorylates the tyrosine and threonine residues on ERKs 1 and 2 required for activation. Two related genes encode MEK1 and MEK2 which differ in their binding to ERKs and, possibly, in their activation profiles.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	MEK1/MEK2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from HeLa cell untreated or treated with UV MEK1/MEK2 (Phospho-Ser217/Ser221) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1/MEK2 (Phospho-Ser217/Ser221) antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-MEK1/MEK2 antibody	Rabbit polyclonal MEK1/MEK2 antibody
Product Categories/Family for anti-MEK1/MEK2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	545203
NCBI GeneID	26396
UniProt Accession #	Q63932 ; Q9D7B0
Molecular Weight	44,402 Da
NCBI Official Full Name	MEK2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	Map2k2
NCBI Official Synonym Symbols	MK2; MEK2; Prkmk2; AA589381
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 2
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 2
UniProt Gene Name	Map2k2
UniProt Synonym Gene Names	Mek2; Mkk2; Prkmk2; MAP kinase kinase 2; MAPKK 2; MEK 2
UniProt Entry Name	MP2K2_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mek1-mek2-antibody-western-blot-immunohistochemistry-elisa/107675>