

Rabbit MEK2 Polyclonal Antibody | anti-MEK2 antibody

MEK2 (Phospho-Thr394)

CATALOG # AAA47792	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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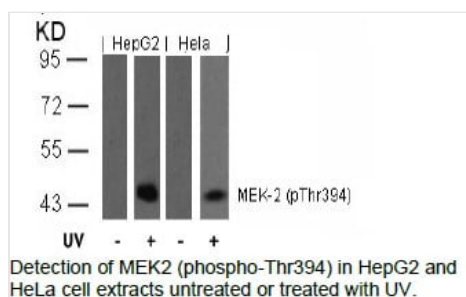
PRODUCT SYNONYMS

MEK2; Polyclonal Antibody; MEK2 (Phospho-Thr394); anti-MEK2 antibody

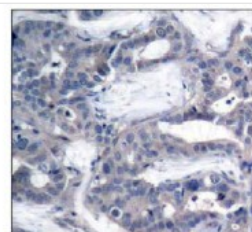
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human MEK2 only when phosphorylated at threonine 394.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	400
Applicable Applications for anti-MEK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen	Peptide sequence that includes phosphorylation site of threonine (P-G-T(p)-P-T) derived from human MEK2 and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



Application Data



Detection of MEK2 (phospho-Thr394) in paraffin-embedded human breast carcinoma tissue.

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-MEK2 antibody

MEK2 is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase plays an important role in mitogen growth factor signal transduction. It phosphorylates and activates MAPK1/ERK2 and MAPK2/ERK3. The activation of this kinase itself is dependent on Ser/Thr phosphorylation by MAP kinase kinases. The inhibition or degradation of this kinase is also found to be involved in the pathogenesis of Yersinia and anthrax.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489054
NCBI GeneID	5605
NCBI Accession #	NP_109587.1
NCBI GenBank Nucleotide #	NM_030662.3
UniProt Accession #	P36507
Molecular Weight	44,424 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	MAP2K2
NCBI Official Synonym Symbols	CFC4; MEK2; MKK2; MAPKK2; PRKMK2
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

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/mek2-antibody-immunohistochemistry-western-blot-elisa/47792>