

Rabbit anti-Human MEK-2 Polyclonal Antibody | anti-MEK-2 antibody

MEK-2 (Phospho-Thr394) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308227	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

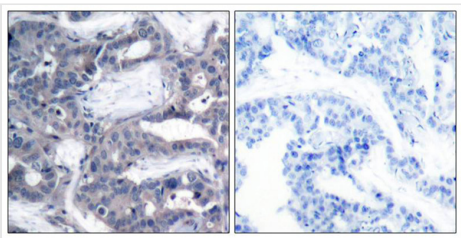
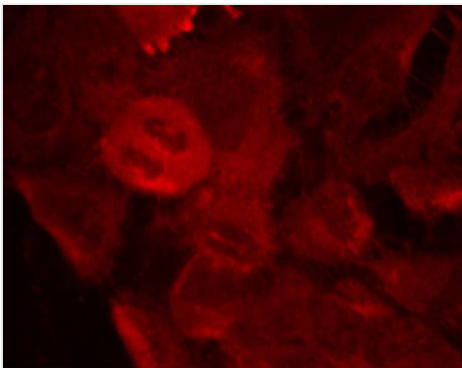
PRODUCT SYNONYMS

MEK-2; Polyclonal Antibody; MEK-2 (Phospho-Thr394) Antibody; ERK activator kinase 2; MAP kinase kinase 2; MAP2K2; MAPK/ERK kinase 2; MAPKK 2; anti-MEK-2 antibody

PRODUCT SPECIFICATIONS

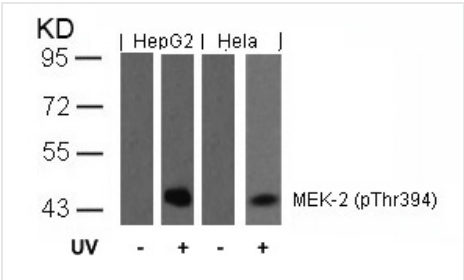
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of MEK2 only when phosphorylated at threonine 394.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-MEK-2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 394 (P-G-T(p)-P-T) derived from Human MEK-2.
Modification	Phospho-Thr394
Target Name	MEK2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Phospho-Thr394) Antibody (left) or the same antibody preincubated with blocking peptide(right).

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using MEK-2(Phospho-Thr394) Antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2 and HeLa cells untreated or treated with UV using MEK-2(Phospho-Thr394) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEK-2 antibody	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases.
Product Categories/Family for anti-MEK-2 antibody	Phospho-specific Ab

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
UniProt Entry Name	MP2K2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mek-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/308227>