

MEK-2 Antibody | anti-MEK-2 antibody

MEK-2 (Phospho-Thr394) Antibody

CATALOG # AAA110922	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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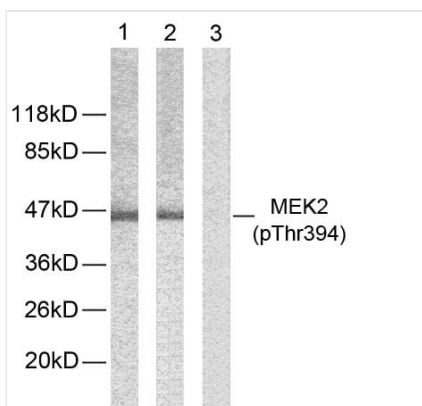
PRODUCT SYNONYMS

MEK-2; MEK-2 (Phospho-Thr394) Antibody; anti-MEK-2 antibody

PRODUCT SPECIFICATIONS

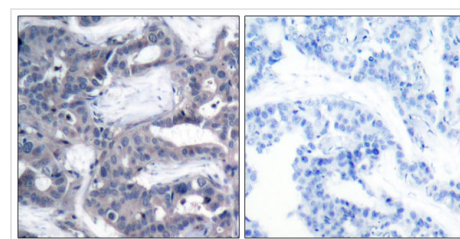
Reactivity	Human, Mouse, Rat
Specificity	MEK2 (phospho-Thr394) antibody detects endogenous levels of MEK2 only when phosphorylated at threonine 394.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	400
Applicable Applications for anti-MEK-2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MEK2 around the phosphorylation site of threonine 394 (P-G-TP-P-T).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from ovary cancer cells using MEK2 (phospho-Thr394) antibody.



IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK2 (phospho-Thr394) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MEK-2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Crews C M, et al. (1992) Science. 258:478-480. Alessi D R, et al. (1994) EMBO J. 13:1610-1619. Rosen L B, et al. (1994) Neuron. 12:1207-1221.
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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://stage.aaabiotech.com/human-mouse-rat-antibody/mek-2/110922>