

MEK1 Antibody | anti-MEK1 antibody

MEK1 (Ab-291) Antibody

CATALOG # AAA267756	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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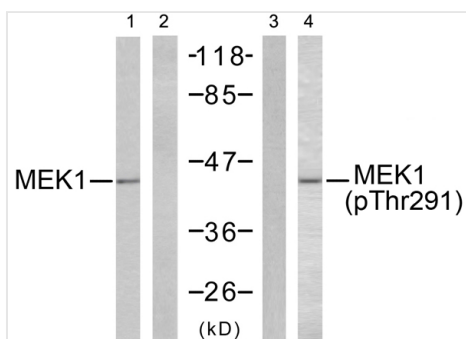
PRODUCT SYNONYMS

MEK1; MEK1 (Ab-291) Antibody; MAP2K1; Dual specificity mitogen-activated protein kinase kinase 1; anti-MEK1 antibody

PRODUCT SPECIFICATIONS

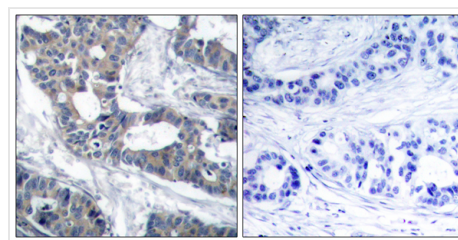
Reactivity	Human, Mouse, Rat
Specificity	MEK1 (Ab-291) antibody detects endogenous levels of total MEK1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	393
Applicable Applications for anti-MEK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human MEK1 around the phosphorylation site of threonine 291(P-R-TP-P-G).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562/A431 cells untreated or treated with Serum (10%, 30min), using MEK1 (Ab-291) antibody (Line 1 and 2) and MEK1 (phospho-Thr291) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1 (Ab-291) antibody.

ADDITIONAL INFORMATION

References	Kevin D. Burroughs, et, al. (2003) Mol. Cancer Res; 1: 312. Michael J. Piatelli, et, al. (2002) J. Biol. Chem; 277: 12144-12150. Margaret M. Morgan, et, al. (2001) J. Immunol; 167: 5708. Herbert Schramek, et, al. (2003) Am J Physiol Cell Physiol; 285: C652-C661.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5579478
NCBI GeneID	5604
NCBI Accession #	NP_002746.1
NCBI GenBank Nucleotide #	NM_002755.3
UniProt Accession #	Q02750
Molecular Weight	40,764 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 1
NCBI Official Symbol	MAP2K1
NCBI Official Synonym Symbols	CFC3; MEK1; MKK1; MAPKK1; PRKMK1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 1
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 1
UniProt Gene Name	MAP2K1
UniProt Synonym Gene Names	MEK1; PRKMK1; MAP kinase kinase 1; MAPKK 1; MKK1; MEK 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://www.aaabiotech.com/human-mouse-rat-antibody/mek1/267756>