

MEK1 Antibody | anti-MEK1 antibody

MEK1 (Phospho-Thr286) Antibody

CATALOG # AAA267485	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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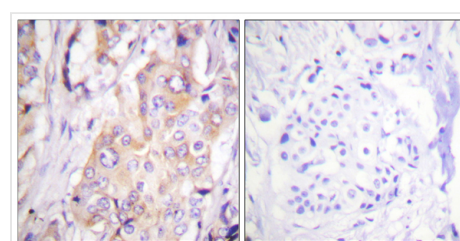
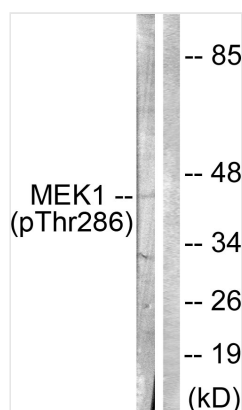
PRODUCT SYNONYMS

MEK1; MEK1 (Phospho-Thr286) Antibody; Dual specificity mitogen-activated protein kinase kinase 1; EC 2.7.12.2; ERK activator kinase 1; MAP kinase kinase 1; MAP2K1; MAPK/ERK kinase 1; MAPKK 1; MAPKK1; MP2K1; PRKMK1; kinase MEK1; anti-MEK1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	MEK1 (Phospho-Thr286) antibody detects endogenous levels of MEK1 only when phosphorylated at threonine 286.
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	393
Applicable Applications for anti-MEK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MEK1 around the phosphorylation site of threonine 286 (A-E-TP-P-P).
All Sites	Human: Thr286 Mouse: Thr286 Rat: Thr286
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MEK1 (Phospho-Thr286) antibody. Western blot analysis of extracts from K562 cells, using MEK1 (Phospho-Thr286) antibody.

ADDITIONAL INFORMATION

References	Shunichi Murakami, Genes & Dev., Feb 2004; 18: 290. Ronald A. Rimerman, J. Biol. Chem., May 2000; 275: 14736. Anne C. Marinovic, J. Biol. Chem., May 2002; 277: 16673-16681. Rohit Lal, AACR Meeting Abstracts, Apr 2006; 2006: 687.
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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://stage.aaabiotech.com/human-mouse-rat-antibody/mek1/267485>