

SEK1/MKK4 Antibody | anti-SEK1/MKK4 antibody

SEK1/MKK4 (Phospho-Ser80) Antibody

CATALOG # AAA267800	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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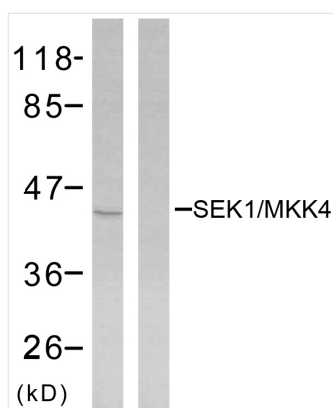
PRODUCT SYNONYMS

SEK1/MKK4; SEK1/MKK4 (Phospho-Ser80) Antibody; anti-SEK1/MKK4 antibody

PRODUCT SPECIFICATIONS

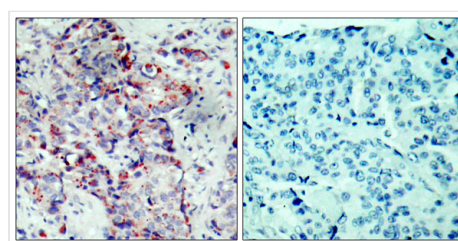
Reactivity	Human, Mouse, Rat
Specificity	SEK1/MKK4 (phospho-Ser80) antibody detects endogenous levels of SEK1/MKK4 only when phosphorylated at serine 80.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	410
Applicable Applications for anti-SEK1/MKK4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SEK1/MKK4 around the phosphorylation site of serine 80 (T-H-SP-I-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells using SEK1/MKK4 (phospho-Ser80) antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma. Left: Using SEK1/MKK4 (Phospho-Ser80) Antibody. Right: The same antibody preincubated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

References	Park HS, et al. (2002) J Biol Chem; 277(4): 2573-8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	526479851
NCBI GeneID	6416
NCBI Accession #	NP_001268364.1
NCBI GenBank Nucleotide #	NM_001281435.1
UniProt Accession #	P45985; Q5U0B8; Q6FHX4; Q6P9H2; Q6PIE6; B2R7N7; B3KYB2; D3DTS5
Molecular Weight	45,584 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 4 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 4
NCBI Official Symbol	MAP2K4
NCBI Official Synonym Symbols	JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 4
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 4
UniProt Gene Name	MAP2K4
UniProt Synonym Gene Names	JNKK1; MEK4; MKK4; PRKMK4; SEK1; SERK1; SKK1; MAP kinase kinase 4; MAPKK 4; MEK 4; SEK1; SAPK kinase 1; SAPKK-1; SAPKK1; JNKK

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/sek1-mkk4/267800>