

Rabbit SEK1/MKK4 Polyclonal Antibody | anti-SEK1/MKK4 antibody

SEK1/MKK4 (Phospho-Ser80) Antibody

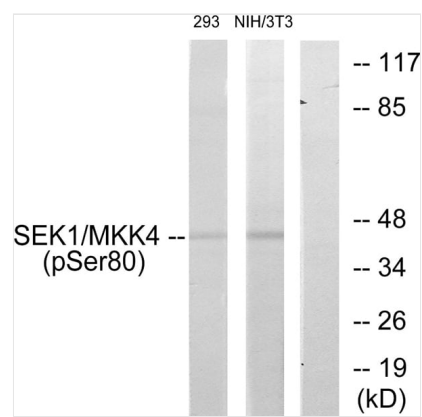
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316572	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

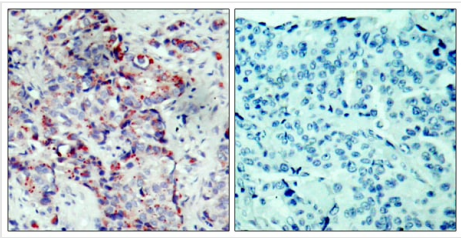
SEK1/MKK4; Polyclonal Antibody; SEK1/MKK4 (Phospho-Ser80) Antibody; c-Jun N- terminal kinase kinase 1; C-JUN N-terminal kinase kinase 1; Dual specificity mitogen-activated protein kinase kinase 4; JNK activating kinase 1; JNK kinase 1; JNKK; JNKK 1; JNKK1; kinase SEK1; MAP kinase kinase 4; MAP2K4; MAPK/ERK kinase 4; MAPKK; anti-SEK1/MKK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	SEK1/MKK4 (Phospho-Ser80) Antibody detects endogenous levels of SEK1/MKK4 only when phosphorylated at Ser80.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-SEK1/MKK4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S80; M:S78; R:S78
Immunogen	The antiserum was produced against synthesized peptide derived from human SEK1/MKK4 around the phosphorylation site of Ser80.
Immunogen Range	46-95
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from 293 cells and NIH/3T3 cells, using SEK1/MKK4 (Phospho-Ser80) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SEK1/MKK4 (Phospho-Ser80) Antibody. The picture on the right is blocked with the phospho peptide.

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	44 kDa
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.