

Rabbit MKK3 Polyclonal Antibody | anti-MKK3 antibody

MKK3 (Phospho-Ser189) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302664	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MKK3; Polyclonal Antibody; MKK3 (Phospho-Ser189) Antibody; MAP kinase kinase 3; MAP2K3; MAPK/ERK kinase 3; MAPKK 3; MEK3; anti-MKK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of MKK3 only when phosphorylated at serine189.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	318
Applicable Applications for anti-MKK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 189 (V-D-S(p)-V-A) derived from Human MKK3.
Modification	Phospho-Ser189
Target Name	MKK3
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, treated with Anisomycin or calf intestinal phosphatase (CIP), using MKK3 (Phospho-Ser189) Antibody.



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed Hela cells using MKK3(Phospho-Ser189) Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MKK3(Phospho-Ser189) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)

Western blot analysis of extracts from HeLa cells untreated or treated with PMA using MKK3(Phospho-Ser189) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MKK3 antibody	Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38.
Product Categories/Family for anti-MKK3 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618347
NCBI GeneID	5606
NCBI Accession #	NP_002747.2
NCBI GenBank Nucleotide #	NM_002756.4
UniProt Accession #	P46734 ; Q99441 ; Q9UE71 ; Q9UE72 ; B3KSK7
Molecular Weight	39,940 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 3 isoform A
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 3
NCBI Official Symbol	MAP2K3
NCBI Official Synonym Symbols	MEK3; MKK3; MAPKK3; PRKMK3; SAPKK2; SAPKK-2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 3
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Gene Name	MAP2K3
UniProt Synonym Gene Names	MEK3; MKK3; PRKMK3; SKK2; MAP kinase kinase 3; MAPKK 3; MEK 3; SAPK kinase 2; SAPKK-2; SAPKK2
UniProt Entry Name	MP2K3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mkk3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302664>