Rabbit MKK6 Polyclonal Antibody | anti-MKK6 antibody

MKK6 (Ab-207) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307316	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

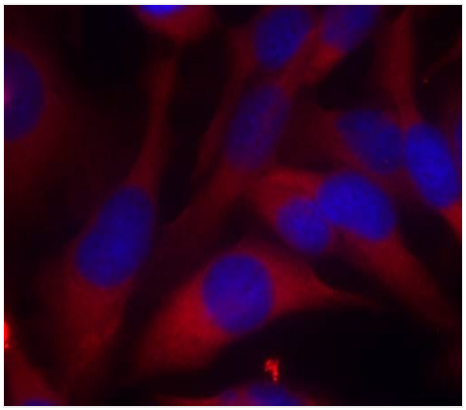
PRODUCT SYNONYMS

MKK6; Polyclonal Antibody; MKK6 (Ab-207) Antibody; MAP kinase kinase 6; MAP2K6; MAPK/ERK kinase 6; MAPKK 6; MEK6; anti-MKK6 antibody

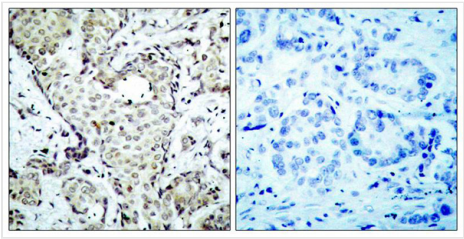
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MKK6 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
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	334
Applicable Applications for anti-MKK6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.205~209 (V-D-S-V-A) derived from Human MKK6.
Target Name	MKK6
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

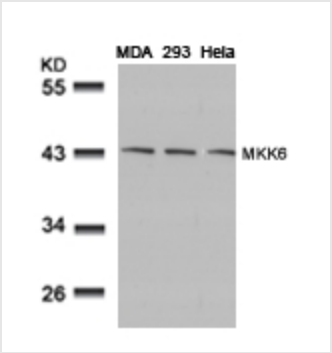
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using MKK6(Ab-207) Antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MKK6(Ab-207) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from MDA, 293 and Hela cells using MKK6(Ab-207) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MKK6 antibody	MEK6 is a member of MAPKK protein kinase family. By using degenerate oligonucleotide primers from the conserved kinase domains of MKK3 and MKK4 two human cDNAs and 1 murine cDNA encoding closely related proteins of the MKK family were cloned. The two human clones appear to be different isoforms of the same gene generated by differential splicing: the shorter clone was designated MKK6, encodes a 278-amino acid protein, while the longer clone, designated MKK6b, encodes a 334-amino acid protein. MKK6 is about 80% identical to MKK3 and 40% identical to MKK4. 1.7-kb human MKK6 transcript is highly expressed in skeletal muscle, while an MKK6b-specific probe detected mRNA bands of 1.8, 2.4, and 4.5 kb that are enriched in heart, skeletal muscle, pancreas and liver. MKK6 plays an important role in intracellular signaling pathways leading toward activation of the p38 MAP kinase. MEK6 phosphorylates and activates p38 in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAPK mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.
Product Categories/Family for anti-MKK6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589900
NCBI GeneID	5608
NCBI Accession #	NP_002749.2
NCBI GenBank Nucleotide #	NM_002758.3
UniProt Accession #	P52564
Molecular Weight	31,339 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 6
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 6
NCBI Official Symbol	MAP2K6
NCBI Official Synonym Symbols	MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; SAPKK-3
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 6
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 6
UniProt Gene Name	**MAP2K6**
UniProt Synonym Gene Names	MEK6; MKK6; PRKMK6; SKK3; MAP kinase kinase 6; MAPKK 6; MEK 6; SAPK kinase 3; SAPKK-3; SAPKK3
UniProt Entry Name	MP2K6_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/mkk6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307316