

Rabbit anti-Human, Mouse MKK7 Polyclonal Antibody | anti-MKK7 antibody

Rabbit anti-MKK7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212563	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MKK7; Polyclonal Antibody; Rabbit anti-MKK7 Antibody; Affinity Purified; MEK 7; PRKMK7; SAPK kinase 4; SAPKK4; MAPKK7; stress-activated protein kinase kinase 4; MAPKK 7; SAPKK-4; JNK kinase 2; MEK; dual specificity mitogen-activated protein kinase kinase 7; JNK-activating kinase 2; JNKK 2; JNKK2; MAP kinase kinase 7; MAPK/ERK kinase 7; c-Jun N-terminal kinase kinase 2; Dual specificity mitogen-activated protein kinase kinase 7; mitogen-activated protein kinase kinase 7; anti-MKK7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MKK7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse MKK7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-MKK7 antibody AAA212563 (lot AAA212563-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MKK7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-MKK7 antibody AAA212563 (lot AAA212563-1) used for IP at 6 ug/mg lysate. MKK7 was also immunoprecipitated by rabbit anti-MKK7 antibody BL15604. For blotting immunoprecipitated MKK7, AAA212563 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human MKK7 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-MKK7 (Cat. No. AAA212563 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MKK7 antibody	MAP kinase kinase 7 (MKK7) is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2,MAP3K3/MEKK5, and MAP4K2/GCK. MKK7 is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stress [taken from NCBI Entrez Gene (Gene ID: 5609)].
Product Categories/Family for anti-MKK7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735544
NCBI GeneID	5609
NCBI Accession #	NP_660186.1
NCBI GenBank Nucleotide #	NM_145185.2
UniProt Accession #	O14733; O14648; O14816; O60452; O60453; Q1PG43; Q8IY10; B2R9S5; D6W659
Molecular Weight	47,485 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 7
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 7
NCBI Official Symbol	MAP2K7
NCBI Official Synonym Symbols	MKK7; Jnkk2; MAPKK7; PRKMK7; SAPKK4; SAPKK-4
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 7; MEK 7; JNKK 2; MAPKK 7; SAPK kinase 4; MAPK/ERK kinase 7; MAP kinase kinase 7; JNK-activating kinase 2; c-Jun N-terminal kinase kinase 2; stress-activated protein kinase kinase 4
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 7
UniProt Gene Name	MAP2K7
UniProt Synonym Gene Names	JNKK2; MEK7; MKK7; PRKMK7; SKK4; MAP kinase kinase 7; MAPKK 7; MEK 7; SAPK kinase 4; SAPKK-4; SAPKK4; JNK kinase 2; JNKK 2
UniProt Entry Name	MP2K7_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/mkk7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212563>