

Rabbit MKK7 Polyclonal Antibody | anti-Map2k7 antibody

Anti-MKK7 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254406	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

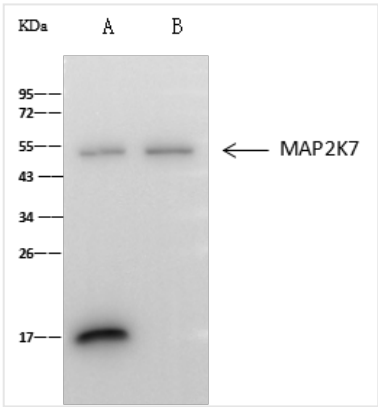
PRODUCT SYNONYMS

MKK7; Polyclonal Antibody; Anti-MKK7 Antibody; Rabbit Polyclonal; Map2k7/MKK7 Antibody; Rabbit PAb; Antigen Affinity Purified; mitogen-activated protein kinase kinase 7; Anti-JNKK2 Antibody; Anti-MAPKK7 Antibody; Anti-MEK Antibody; Anti-MEK 7 Antibody; Anti-PRKMK7 Antibody; Anti-SAPKK-4 Antibody; Anti-SAPKK4 Antibody; anti-Map2k7 antibody

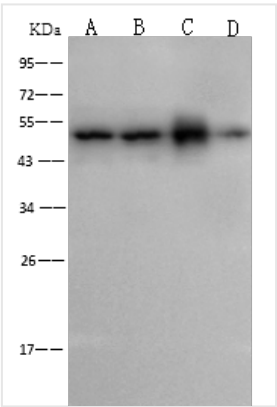
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MKK7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Map2k7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Map2k7/MKK7
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Map2k7/MKK7, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)
MAP2K7 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate Lane B: 0.5 mg Jurkat Whole Cell Lysate 2 uL anti-MAP2K7 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MAP2K7 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 47 kDa Observed band size :50 kDa



WB (Western Blot)
Anti-MAP2K7 rabbit polyclonal antibody at 1:500 dilution Lane A: Daudi Whole Cell Lysate Lane B: Raji Whole Cell Lysate Lane C: 293T Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 47 kDa Observed band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-Map2k7 antibody	Map2k7 haploinsufficiency causes a distinctive pattern of cognitive impairment strongly suggestive of an inability to sustain attention, in accordance with those seen in psychiatric patients carrying out similar tasks. This may be important for understanding the mechanisms of cognitive dysfunction in clinical populations.
Product Categories/Family for anti-Map2k7 antibody	IL1 signaling pathway

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; Jnk2; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mkk7-antibody-immunoprecipitation-western-blot-elisa/254406>