

Rabbit Mitogen Activated Protein Kinase Kinase 2 Polyclonal Antibody | anti-MAP2K2 antibody

Polyclonal Antibody to Mitogen Activated Protein Kinase Kinase 2 (MAP2K2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142468	Rabbit	Human, Rat, Pig, Bovine, Horse, Chicken	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mitogen Activated Protein Kinase Kinase 2; Polyclonal Antibody; Polyclonal Antibody to Mitogen Activated Protein Kinase Kinase 2 (MAP2K2); anti-MAP2K2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Pig, Bovine, Horse, Chicken
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MAP2K2. It has been selected for its ability to recognize MAP2K2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGE F-VTKVQHRP SGLIMARKLI HLEIKPAIRN QIIRELQVLH ECNSPYIVGF YGAFYSDGEI SICMEHMDGG SLDQVLKEAK RIPEEILGKV SIAVLRGLAY LREKHQIMHR DVKPSNVLN SRGEIKLCDF GVSQQLDSM ANSFVGTRSY MAPERLQGTH YSVQSDIWSM GLSLVELAVG RYPIPPDAK ELEAIFG
Applicable Applications for anti-MAP2K2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	MAP2K2 (Val86~Pro331)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant MAP2K2 (Val86~Pro331) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: MAP2K2 knockout Hela cell lysate; Predicted MW: 44kd Observed MW: 44kd Primary Ab: 5ug/ml Rabbit Anti-Human MAP2K2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant MAP2K2, Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Jurkat cells; Lane2: Human Hela cels.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP2K2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13489054
NCBI GeneID	5605
NCBI Accession #	NP_109587.1
NCBI GenBank Nucleotide #	NM_030662.3
UniProt Accession #	P36507
Molecular Weight	44,424 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	MAP2K2
NCBI Official Synonym Symbols	CFC4; MEK2; MKK2; MAPKK2; PRKMK2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 2
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 2
UniProt Gene Name	MAP2K2
UniProt Synonym Gene Names	MEK2; MKK2; PRKMK2; MAP kinase kinase 2; MAPKK 2; MEK 2

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/mitogen-activated-protein-kinase-kinase-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142468>