

Rabbit MAPKAPK3 Polyclonal Antibody | anti-MAPKAPK3 antibody

MAPKAPK3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280551	Rabbit	Human, Mouse, Rat	Western Blot

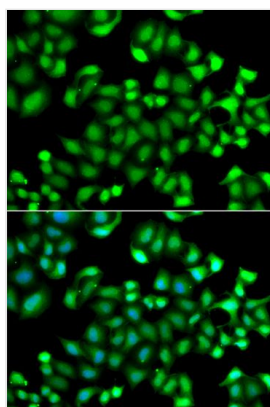
PRODUCT SYNONYMS

MAPKAPK3; Polyclonal Antibody; MAPKAPK3 Polyclonal Antibody; anti-MAPKAPK3 antibody

PRODUCT SPECIFICATIONS

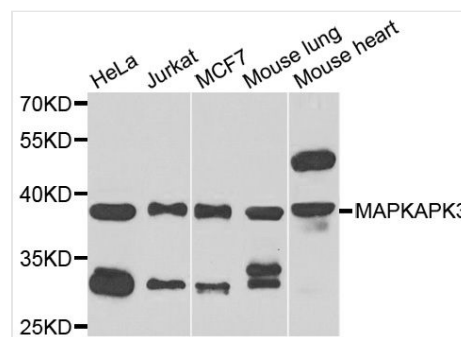
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	382
Applicable Applications for anti-MAPKAPK3 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MAPKAPK3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using MAPKAPK3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MAPKAPK3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPKAPK3 antibody	This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. Alternate splicing results in multiple transcript variants that encode the same protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345441756
NCBI GeneID	7867
NCBI Accession #	NP_001230854.1
NCBI GenBank Nucleotide #	NM_001243925.1
UniProt Accession #	Q16644; B5BU67
Molecular Weight	43kDa
NCBI Official Full Name	MAP kinase-activated protein kinase 3
NCBI Official Synonym Full Names	mitogen-activated protein kinase-activated protein kinase 3
NCBI Official Symbol	MAPKAPK3
NCBI Official Synonym Symbols	3PK; MK-3; MAPKAP3; MAPKAP-K3; MAPKAPK-3
NCBI Protein Information	MAP kinase-activated protein kinase 3
UniProt Protein Name	MAP kinase-activated protein kinase 3
UniProt Gene Name	MAPKAPK3
UniProt Synonym Gene Names	MAPK-activated protein kinase 3; MAPKAP kinase 3; MAPKAP-K3; MAPKAPK-3; MK-3; 3pK
UniProt Entry Name	MAPK3_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/mapkapk3-antibody-western-blot-elisa/280551>