

Rabbit anti-Human MAPKAPK2 Polyclonal Antibody | anti-MAPKAPK2 antibody

MAPKAPK2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297736	Rabbit	Human	Immunohistochemistry, Western Blot

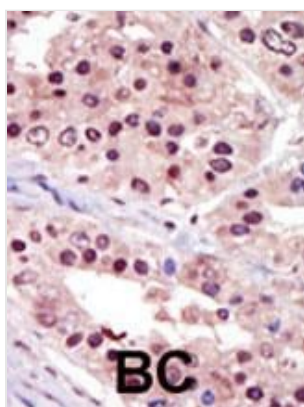
PRODUCT SYNONYMS

MAPKAPK2; Polyclonal Antibody; MAPKAPK2 Antibody (N-term); MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2; Purified Rabbit Polyclonal Antibody (Pab); anti-MAPKAPK2 antibody

PRODUCT SPECIFICATIONS

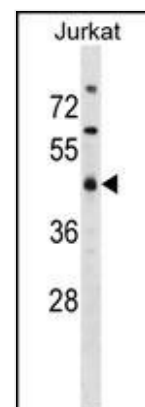
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MAPKAPK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-58 amino acids from the N-terminal region of human MAPKAPK2.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-MAPKAPK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Synthetic Peptide
Antigen Region	28-58
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



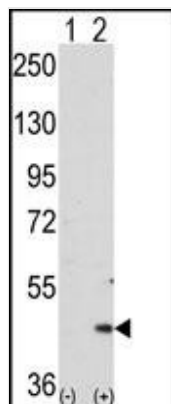
IHC (Immunohistochemistry)

IHC-P: 1:50~100 Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

WB: 1:1000; MAPKAPK2 Antibody (F43) (#AAA297736) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the MAPKAPK2 antibody detected the MAPKAPK2 protein (arrow).



WB (Western Blot)

WB: 1:1000; Western blot analysis of MAPKAPK2 (arrow) using MAPKAPK2 Antibody (N-term) (AAA297736).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MAPKAPK2 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-MAPKAPK2 antibody	MAPKAPK2 a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo.
Product Categories/Family for anti-MAPKAPK2 antibody	Primary Antibodies ; Cardiovascular ; Signal Transduction
References	Meng, W., et al., J. Biol. Chem. 277(40):37401-37405 (2002).Han, Q., et al., J. Biol. Chem. 277(50):48379-48385 (2002).Werz, O., et al., Proc. Natl. Acad. Sci. U.S.A. 97(10):5261-5266 (2000).Kotlyarov, A., et al., Nat. Cell Biol. 1(2):94-97 (1999).Craxton, A., et al., J. Immunol. 161(7):3225-3236 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863901
NCBI GeneID	9261
NCBI Accession #	NP_004750.1 ; NP_116584.2
NCBI GenBank Nucleotide #	NM_004759.4
UniProt Accession #	P49137 ; Q5SY30 ; Q5SY41 ; Q8IYD6
Molecular Weight	45,568 Da
NCBI Official Full Name	MAP kinase-activated protein kinase 2 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase-activated protein kinase 2
NCBI Official Symbol	MAPKAPK2
NCBI Official Synonym Symbols	MK2; MK-2; MAPKAP-K2
NCBI Protein Information	MAP kinase-activated protein kinase 2; MAPKAP kinase 2; MAPK-activated protein kinase 2
UniProt Protein Name	MAP kinase-activated protein kinase 2
UniProt Gene Name	MAPKAPK2
UniProt Synonym Gene Names	MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2
UniProt Entry Name	MAPK2_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/mapkapk2-antibody-immunohistochemistry-western-blot-elisa/297736>