

MAPKAPK2 Antibody | anti-MAPKAPK2 antibody

MAPKAPK2 (Phospho-Thr222) Antibody

CATALOG # AAA267483	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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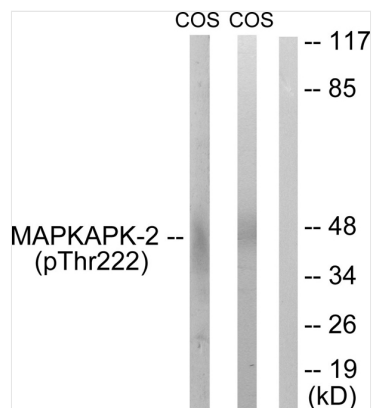
PRODUCT SYNONYMS

MAPKAPK2; MAPKAPK2 (Phospho-Thr222) Antibody; EC 2.7.11.1; kinase MAPKAPK2; MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPK2; MAPKAP kinase 2; MAPKAPK-2; RPS6KC1; anti-MAPKAPK2 antibody

PRODUCT SPECIFICATIONS

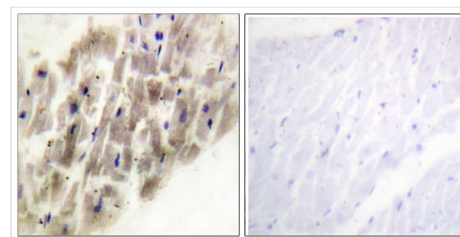
Reactivity	Human, Mouse, Rat
Specificity	MAPKAPK2 (Phospho-Thr222) antibody detects endogenous levels of MAPKAPK2 only when phosphorylated at threonine 222.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	370
Applicable Applications for anti-MAPKAPK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MAPKAPK2 around the phosphorylation site of threonine 222 (L-T-TP-P-C).
All Sites	Human: Thr222 Mouse: Thr222 Rat: Thr222
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using MAPKAPK2 (Phospho-Thr222) antibody. Western blot analysis of extracts from COS-7 cells treated and untreated with UV (15mins), using MAPKAPK2 (Phospho-Thr222) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Zu Y.-L., Biochem. Biophys. Res. Commun. 200:1118-1124(1994). The MGC Project Team; Genome Res. 14:2121-2127(2004). Stokoe D., Biochem. J. 296:843-849(1993).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10863901
NCBI GeneID	9261
NCBI Accession #	NP_004750.1
NCBI GenBank Nucleotide #	NM_004759.4
UniProt Accession #	P49137; Q5SY30; Q5SY41; Q8IYD6
Molecular Weight	42,203 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
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

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/human-mouse-rat-antibody/mapkapk2/267483>