

anti-Human, Mouse MAPKAPK5 Antibody | anti-MAPKAPK5 antibody

MAPKAPK5 (Phospho-Thr182) Antibody

CATALOG # AAA111513	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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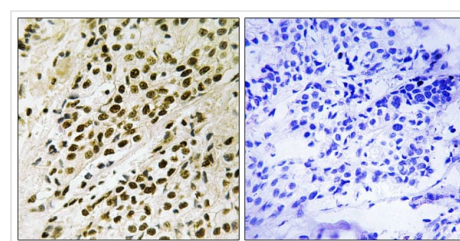
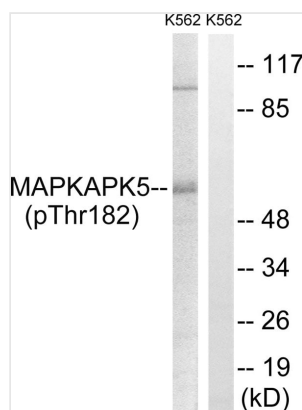
PRODUCT SYNONYMS

MAPKAPK5; MAPKAPK5 (Phospho-Thr182) Antibody; EC 2.7.11.1; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPK5; MAPKAP kinase 5; p38-regulated/activated protein kinase; PRAK; anti-MAPKAPK5 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	MAPKAPK5 (Phospho-Thr182) antibody detects endogenous levels of MAPKAPK5 only when phosphorylated at threonine 182.
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	471
Applicable Applications for anti-MAPKAPK5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MAPKAPK5 around the phosphorylation site of threonine 182 (L-M-TP-P-Q).
All Sites	Human: Thr182 Mouse: Thr182
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MAPKAPK5 (Phospho-Thr182) antibody. Western blot analysis of extracts from K562 cells, treated with Na₃VO₄ (0.3nM, 40mins), using MAPKAPK5 (Phospho-Thr182) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAPKAPK5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	New L., EMBO J. 17:3372-3384(1998). Sudo T., Biochem. Biophys. Res. Commun. 269:521-525(2000). Dephoure N., Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21237765
NCBI GeneID	8550
NCBI Accession #	NP_003659.2
NCBI GenBank Nucleotide #	NM_003668.3
UniProt Accession #	Q8IW41; O60491; Q86X46; Q9BVX9; Q9UG86; B3KVA5
Molecular Weight	54,035 Da
NCBI Official Full Name	MAP kinase-activated protein kinase 5 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase-activated protein kinase 5
NCBI Official Symbol	MAPKAPK5
NCBI Official Synonym Symbols	MK5; MK-5; PRAK; MAPKAP-K5
NCBI Protein Information	MAP kinase-activated protein kinase 5
UniProt Protein Name	MAP kinase-activated protein kinase 5
UniProt Gene Name	MAPKAPK5
UniProt Synonym Gene Names	PRAK; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAP-K5; MAPKAPK-5; MK-5; MK5; PRAK

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/mapkapk5/111513>