Goat MK5/MAPKAPK5 Polyclonal Antibody | anti-Mapkapk5 antibody

Goat anti-MK5/MAPKAPK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61646	**Goat**	**Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow**	**Immunohistochemistry, Immunoprecipitation, Western Blot, ELISA**

PRODUCT SYNONYMS

MK5/MAPKAPK5; Polyclonal Antibody; Goat anti-MK5/MAPKAPK5 Antibody; Goat Anti-MK5 / MAPKAPK5 (aa192-206) Antibody; MAPKAPK5; mitogen-activated protein kinase-activated protein kinase 5; MAPKAP-K5; MK-5; MK5; PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAPK-5; p38-regulated/activated protein kinase; MAPKAPK5 antibody; mitogen-activated protein kinase-activated protein kinase 5 antibody; MAPKAP-K5 antibody; MK-5 antibody; MK5 antibody; PRAK antibody; MAP kinase-activated protein kinase 5 antibody; MAPK-activated protein kinase 5 antibody; MAPKAP kinase 5 antibody; MAPKAPK-5 antibody; p38-regulated/activated protein kinase antibody; MK5 / MAPKAPK5; anti-Mapkapk5 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	STEALDNVLP SAQ
Sequence Length	471
Applicable Applications for anti-Mapkapk5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-STEALDNVLPSAQ, from the internal region of the protein sequence according to NP_003659.2; NP_620777.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES

IHC (Immunohistochemisry)
5ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

WB (Western Blot)
And (1.5ug) immunoprecipitations from lysates of MK5/ERK3 double knockout MEFs, with (third and fifth lanes) and without (fourth and sixth lanes) rescued MK5/ERK3 expression through retroviral transduction. The corresponding lysates (first and second lane resp.) were analyzed in parallel in this Western blot labelled with mouse anti-MK5 / PRAK (and co-precipitation was measured using rabbit anti-ERK3 in the lower panel).

WB (Western Blot)
HEK293 lysate (10ug protein in RIPA buffer) overexpressing Mouse MK5-GFP (first lane) or Mouse MK2-GFP (second lane) probed with (0.5ug/ml) in right panel and with (0.5ug/ml) on left panel, Primary incubations were for 2 hours. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21237765
NCBI GeneID	8550
NCBI Accession #	NP_003659.2; NP_620777.1
NCBI GenBank Nucleotide #	NM_003668.3
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
UniProt Entry Name	MAPK5_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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