

Rabbit anti-Human MK5 Polyclonal Antibody | anti-MK5 antibody

Rabbit anti-MK5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211941	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MK5; Polyclonal Antibody; Rabbit anti-MK5 Antibody; Affinity Purified; PRAK; MK-5; MAPKAPK-5; MAPKAP-K5; MAPKAP kinase 5; MAPK-activated protein kinase 5; MAP kinase-activated protein kinase 5; p38-regulated/activated protein kinase; mitogen-activated protein kinase-activated protein kinase 5; anti-MK5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MK5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 423 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



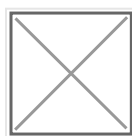
WB (Western Blot)

Detection of human MK5 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MK5 antibody AAA211941 (lot AAA211941-2) used for WB at 0.1 ug/ml.
Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MK5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MK5 antibody AAA211941 (lot AAA211941-2) used for IP at 3 ug per reaction. MK5 was also immunoprecipitated by rabbit anti-MK5 antibody BL9426. For blotting immunoprecipitated MK5, AAA211941 was used at 0.4 ug/ml.
Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human MK5 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MK5 (Cat. No. AAA211941 Lot2) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MK5 antibody	MK5 (MAP kinase-activated protein kinase 5) is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. [taken from NCBI Entrez Gene (GeneID: 8550)].
Product Categories/Family for anti-MK5 antibody	Primary Antibodies

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
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; MAPKAPK-5; MAPKAP kinase 5; MAPK-activated protein kinase 5; p38-regulated/activated protein kinase
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mk5-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211941>