

Rabbit anti-Human MAPK10 Polyclonal Antibody | anti-MAPK10 antibody

MAPK10 Antibody (N-term)

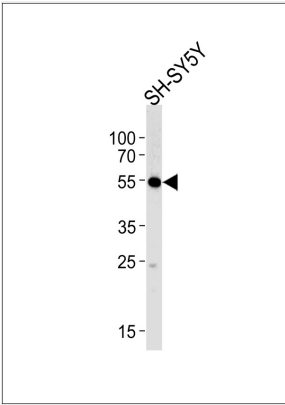
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288904	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

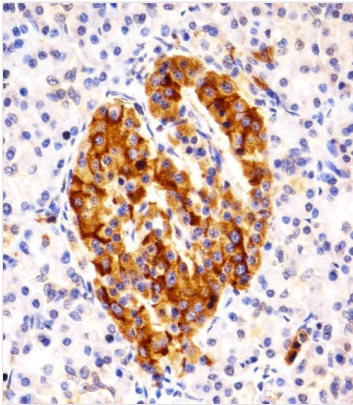
MAPK10; Polyclonal Antibody; MAPK10 Antibody (N-term); Mitogen-activated protein kinase 10; MAP kinase 10; MAPK 10; MAP kinase p49 3F12; Stress-activated protein kinase 1b; SAPK1b; Stress-activated protein kinase JNK3; c-Jun N-terminal kinase 3; JNK3; JNK3A; PRKM10; SAPK1B; anti-MAPK10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-34 amino acids from the N-terminal region of human MAPK10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	7-34
Sequence Length	277
Applicable Applications for anti-MAPK10 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
MAPK10 Antibody (C21) western blot analysis in SH-SY5Y cell line lysates (35ug/lane). This demonstrates the MAPK10 antibody detected the MAPK10 protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. pancreas section using MAPK10 Antibody (N-term). AAA288904 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK10 antibody	MAPK10 is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This protein is a neuronal-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways during neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 can phosphorylate, and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis.
Product Categories/Family for anti-MAPK10 antibody	Crown Antibodies; Cancer; Immunology; Signal Transduction
References	Li, B.S., et al., EMBO J. 21(3):324-333 (2002). Yoshida, S., et al., J. Hum. Genet. 47(11):614-619 (2002). McDonald, P.H., et al., Science 290(5496):1574-1577 (2000). Yang, D.D., et al., Nature 389(6653):865-870 (1997). Gupta, S., et al., EMBO J. 15(11):2760-2770 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506081
NCBI GeneID	5602
NCBI Accession #	NP_002744.1; NP_620446.1; NP_620447.1; NP_620448.1
NCBI GenBank Nucleotide #	NM_002753.3
UniProt Accession #	P53779; Q15707; Q49AP1; A6NFS3; A6NG28; B3KQ94
Molecular Weight	52585
NCBI Official Full Name	mitogen-activated protein kinase 10 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 10
NCBI Official Symbol	MAPK10
NCBI Official Synonym Symbols	JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK
NCBI Protein Information	mitogen-activated protein kinase 10
UniProt Protein Name	Mitogen-activated protein kinase 10

UniProt Gene Name	MAPK10
UniProt Synonym Gene Names	JNK3; JNK3A; PRKM10; SAPK1B; MAP kinase 10; MAPK 10; SAPK1b
UniProt Entry Name	MK10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mapk10-antibody-western-blot-immunohistochemistry-elisa/288904>