

Rabbit MAPK13 Polyclonal Antibody | anti-MAPK13 antibody

MAPK13 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287512	Rabbit	Human, Mouse, Rat, Monkey (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

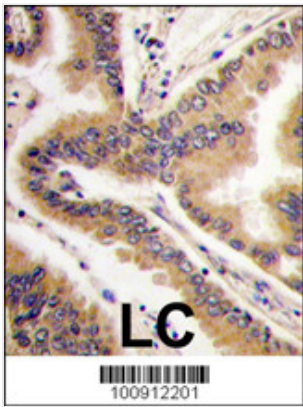
PRODUCT SYNONYMS

MAPK13; Polyclonal Antibody; MAPK13 Antibody (C-term); Mitogen-activated protein kinase 13; MAP kinase 13; MAPK 13; Mitogen-activated protein kinase p38 delta; MAP kinase p38 delta; Stress-activated protein kinase 4; PRKM13; SAPK4; anti-MAPK13 antibody

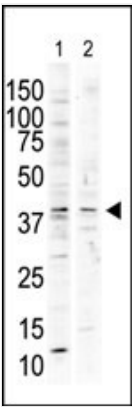
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 335-365 amino acids from the C-terminal region of human MAPK13.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	335-365
Sequence Length	257
Applicable Applications for anti-MAPK13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with P38 delta antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
The anti-P38delta C-term Pab is used in Western blot to detect P38 delta in nocodazole-treated HCT116 (lane 1) and PMA-treated Pam212 (lane 2) cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK13 antibody	P38 delta 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 kinase is closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase.
Product Categories/Family for anti-MAPK13 antibody	Cell Biology; Signal Transduction; Amyotrophic Lateral Sclerosis (ALS)
References	Duyndam, M.C., et al., J. Biol. Chem. 278(9):6885-6895 (2003). Efimova, T., et al., J. Biol. Chem. 277(35):31753-31760 (2002). Knebel, A., et al., EMBO J. 20(16):4360-4369 (2001). Hu, M.C., et al., J. Biol. Chem. 274(11):7095-7102 (1999). Parker, C.G., et al., Biochem. Biophys. Res. Commun. 249(3):791-796 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506085
NCBI GeneID	5603
NCBI Accession #	NP_002745.1
NCBI GenBank Nucleotide #	NM_002754.4
UniProt Accession #	O15264; O14739; O15124; Q5U4A5; Q6FI46; Q9UNU0
Molecular Weight	42090
NCBI Official Full Name	mitogen-activated protein kinase 13
NCBI Official Synonym Full Names	mitogen-activated protein kinase 13
NCBI Official Symbol	MAPK13
NCBI Official Synonym Symbols	SAPK4; PRKM13; MAPK 13; MAPK-13; p38delta
NCBI Protein Information	mitogen-activated protein kinase 13
UniProt Protein Name	Mitogen-activated protein kinase 13
UniProt Gene Name	MAPK13

UniProt Synonym Gene Names	PRKM13; SAPK4; MAP kinase 13; MAPK 13; MAP kinase p38 delta
UniProt Entry Name	MK13_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/mapk13-antibody-immunohistochemistry-western-blot-elisa/287512>