

Rabbit anti-Human, mouse MAPK12 Polyclonal Antibody | anti-MAPK12 antibody

MAPK12 Antibody (Center)

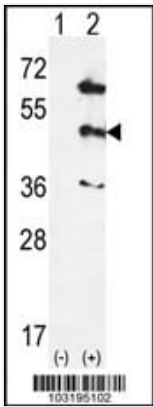
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290036	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

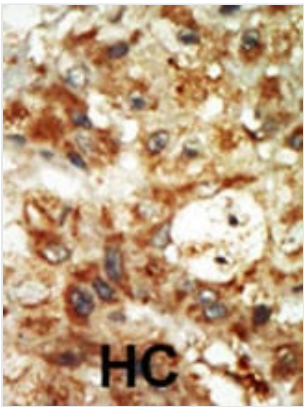
MAPK12; Polyclonal Antibody; MAPK12 Antibody (Center); Mitogen-activated protein kinase 12; MAP kinase 12; MAPK 12; Extracellular signal-regulated kinase 6; ERK-6; Mitogen-activated protein kinase p38 gamma; MAP kinase p38 gamma; Stress-activated protein kinase 3; ERK6; SAPK3; anti-MAPK12 antibody

PRODUCT SPECIFICATIONS

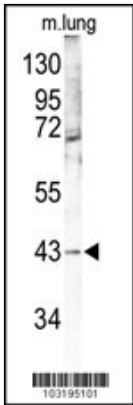
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 339-367 amino acids from the Central region of human MAPK12.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	339-367
Sequence Length	357
Applicable Applications for anti-MAPK12 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.



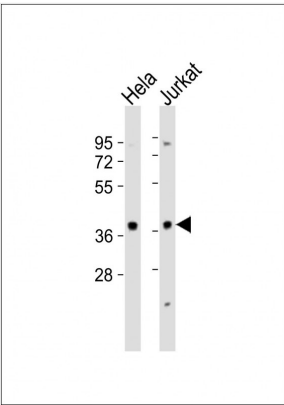
WB (Western Blot)
Western blot analysis of MAPK12 (arrow) using rabbit polyclonal hMAPK12-P354. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MAPK12 gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of p38 gamma (MAPK12) Antibody (Center) in mouse lung tissue lysates (35ug/lane). MAPK12 (arrow) was detected using the purified Pab.



WB (Western Blot)
All lanes : Anti-MAPK12 Antibody (P354) at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: Jurkat whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 42 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK12 antibody	Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. MAPK12 functions as a signal transducer during differentiation of myoblasts to myotubes.
Product Categories/Family for anti-MAPK12 antibody	Cell Biology; Signal Transduction; GPCR Antibodies
References	Garcia-Lora, A., et al., Cancer Immunol. Immunother. 52(1):59-64 (2003). Julien, C., et al., J. Biol. Chem. 278(43):42615-42624 (2003). Robinson, M.J., et al., J. Biol. Chem. 277(7):5094-5100 (2002). Court, N.W., et al., J. Mol. Cell. Cardiol. 34(4):413-426 (2002). Wang, X., et al., Mol. Cell. Biol. 20(13):4543-4552 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255970
NCBI GeneID	6300
NCBI Accession #	NP_002960.2

NCBI GenBank Nucleotide #	NM_002969.4
UniProt Accession #	P53778; Q14260; Q6IC53; Q99588; Q99672
Molecular Weight	41940
NCBI Official Full Name	mitogen-activated protein kinase 12 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 12
NCBI Official Symbol	MAPK12
NCBI Official Synonym Symbols	ERK3; ERK6; ERK-6; SAPK3; PRKM12; SAPK-3; MAPK 12; P38GAMMA
NCBI Protein Information	mitogen-activated protein kinase 12
UniProt Protein Name	Mitogen-activated protein kinase 12
UniProt Gene Name	MAPK12
UniProt Synonym Gene Names	ERK6; SAPK3; MAP kinase 12; MAPK 12; ERK-6; MAP kinase p38 gamma
UniProt Entry Name	MK12_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/mapk12-antibody-immunohistochemistry-western-blot-elisa/290036>