

Rabbit anti-Human p38 MAPK-T180/Y182 Monoclonal Antibody | anti-MAPK14 antibody

Phospho-p38 MAPK-T180/Y182 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283138	Rabbit	Human	ELISA, Western Blot

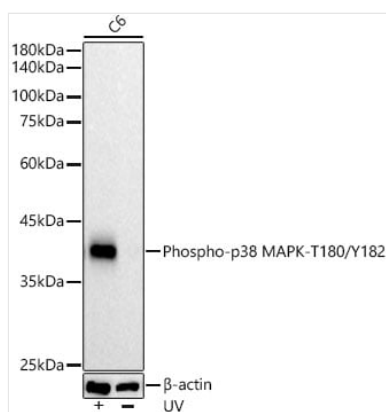
PRODUCT SYNONYMS

p38 MAPK-T180/Y182; Monoclonal Antibody; Phospho-p38 MAPK-T180/Y182 Rabbit mAb; MAPK14; CSBP; CSBP1; CSBP2; CSPB1; EXIP; Mxi2; PRKM14; PRKM15; RK; SAPK2A; p38; p38ALPHA; p38 MAPK; Phospho-p38 MAPK-T180/Y182; anti-MAPK14 antibody

PRODUCT SPECIFICATIONS

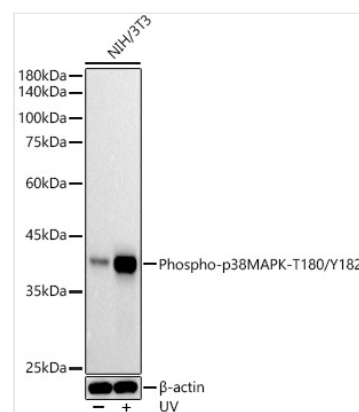
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MTGYV
Applicable Applications for anti-MAPK14 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around T180 & Y182 of human MAPK(NP_002742.3).
Modification	Phospho 180/Y182, Phospho T180/Y182, Phospho T180/Y182, Phospho T183/Y1845
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



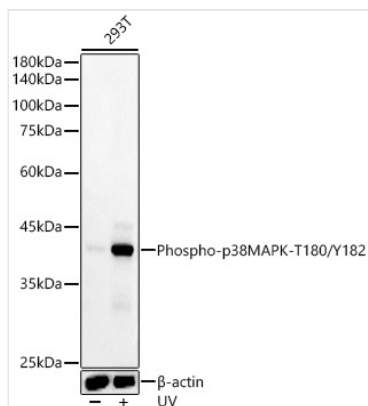
WB (Western Blot)

Western blot analysis of lysates from C6 cells, using Phospho-p38 MAPK-T180/Y182 Rabbit mAb (AAA283138) at 1:20000 dilution. C6 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p38 MAPK-T180/Y182 Rabbit mAb (AAA283138) at 1:20000 dilution. NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates, using Phospho-p38 MAPK-T180/Y182 Rabbit mAb (AAA283138) at 1:20000 dilution. 293T cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK14 antibody	This gene encodes a member of a family of protein kinases that are involved in the integration of biochemical signals for a wide variety of cellular processes, including cell proliferation, differentiation, transcriptional regulation, and development. The encoded protein can be activated by proinflammatory cytokines and environmental stresses through phosphorylation by mitogen activated protein kinase kinases (MKKs). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Product Categories/Family for anti-MAPK14 antibody	Epigenetics & Nuclear Signaling ; Translation Control ; Regulation of eIF4 and p70 S6 Kinase ; Signal Transduction ; Kinase ; Serine/threonine kinases ; Phospholipase Signaling Pathway ; ErbB-HER Signaling Pathway ; MAPK-P38 Signaling Pathway ; Cell Biology & Deve

NCBI AND UNIPROT INFORMATION

NCBI GI #	134047835
NCBI GeneID	5600/6300/5603/1432
UniProt Accession #	Q15759 ; P53778
Molecular Weight	Calculated MW: 29kDa/34kDa/35kDa/41kDa Observed MW: 43kDa
UniProt Protein Name	Mitogen-activated protein kinase 11
UniProt Gene Name	MAPK11
UniProt Synonym Gene Names	PRKM11; SAPK2; SAPK2B; MAP kinase 11; MAPK 11; MAP kinase p38 beta; p38b; SAPK2b
UniProt Entry Name	MK11_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/monoclonal/p38-mapk-t180-y182-antibody-western-blot-elisa/283138>