

Phospho-p38 MAPK-T180/Y182 Rabbit mAb

Catalog No.: AP1361 **Recombinant**

Basic Information

Observed MW

43kDa

Calculated MW

29kDa/34kDa/35kDa/41kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC51023

Background

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]

Recommended Dilutions

WB 1:2000 - 1:20000

Immunogen Information

Gene ID

5600/6300/5603/1432

Swiss Prot

Q15759/P53778/O15264/Q16539

Immunogen

A synthetic phosphorylated peptide around T180 & Y182 of human Phospho-p38 MAPK-T180/Y182MAPK11 (NP_002742.3).

Synonyms

MAPK14; CSBP; CSBP1; CSBP2; CSPB1; EXIP; Mxi2; PRKM14; PRKM15; RK; SAPK2A; p38; p38ALPHA; p38 MAPK; Phospho-p38 MAPK-T180/Y182

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

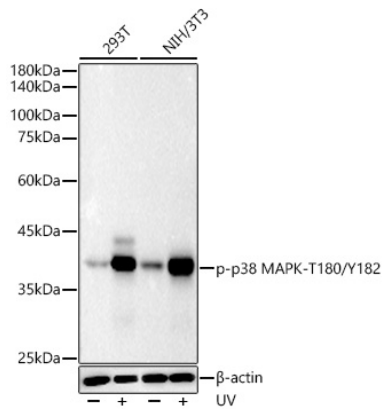
Affinity purification

Storage

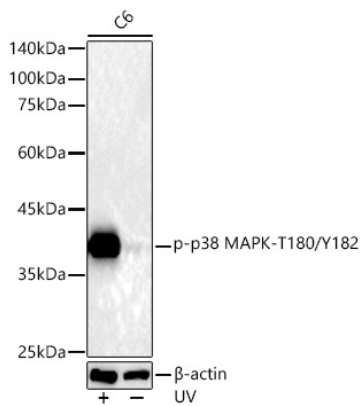
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-p38 MAPK-T180/Y182 Rabbit mAb (AP1361) at 1:20000 dilution. 293T and 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: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Western blot analysis of lysates from C6 cells, using Phospho-p38 MAPK-T180/Y182 Rabbit mAb (AP1361) 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: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.