

Anti-p38 MAPK (Thr180/Tyr182) Antibody

Our Anti-p38 MAPK (Thr180/Tyr182) rabbit polyclonal phosphospecific primary antibody from PhosphoSol
Catalog # AN1503

Specification

Anti-p38 MAPK (Thr180/Tyr182) Antibody - Product Information

Application	WB
Primary Accession	P70618
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	41321

Anti-p38 MAPK (Thr180/Tyr182) Antibody - Additional Information**Other Names**

CSAID Binding Protein 1 antibody, CSAID binding protein antibody, CSAID-binding protein antibody, Csaids binding protein antibody, CSBP 1 antibody, CSBP 2 antibody, CSBP antibody, CSBP1 antibody, CSBP2 antibody, CSPB1 antibody, Cytokine suppressive anti-inflammatory drug-binding protein antibody, EXIP antibody, MAP kinase 14 antibody, MAP kinase MXI2 antibody, MAP kinase p38 alpha antibody, MAPK 14 antibody, MAPK14 antibody, MAX interacting protein 2 antibody, MAX-interacting protein 2 antibody, Mitogen Activated Protein Kinase 14 antibody, Mitogen activated protein kinase p38 alpha antibody, Mitogen-activated protein kinase 14 antibody, Mitogen-activated protein kinase p38 alpha antibody, MK14_HUMAN antibody, Mxi 2 antibody, MXI2 antibody, p38 ALPHA antibody, p38 antibody, p38 MAP kinase antibody, p38 MAPK antibody, p38 mitogen activated protein kinase antibody, p38ALPHA antibody, p38alpha Exip antibody, PRKM14 antibody, PRKM15 antibody, RK antibody, SAPK2A antibody

Target/Specificity

The three Mitogen-Activated Protein Kinases (MAPKs) are evolutionarily conserved protein kinases that control a vast array of cellular processes. p38 MAPK is one of these kinases and it is activated by both inflammatory cytokines and by stress (Johnson and Lapadat, 2002; Shi and Gaestel, 2002). The p38 MAPK is thought to be particularly important in diseases like asthma and autoimmunity but it also plays important roles in the stress response of the nervous system (Philip and Armstead, 2003; Ying et al., 2002). Like the other MAPKs, p38 is activated by a dual specificity kinase that phosphorylates Thr-180 and Tyr-182 (Lin et al., 1995).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-p38 MAPK (Thr180/Tyr182) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

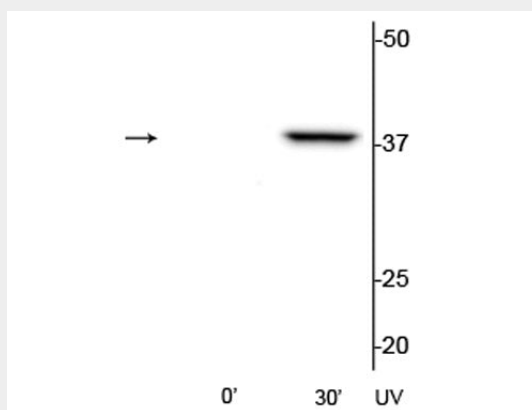
Blue Ice

Anti-p38 MAPK (Thr180/Tyr182) Antibody - Protocols

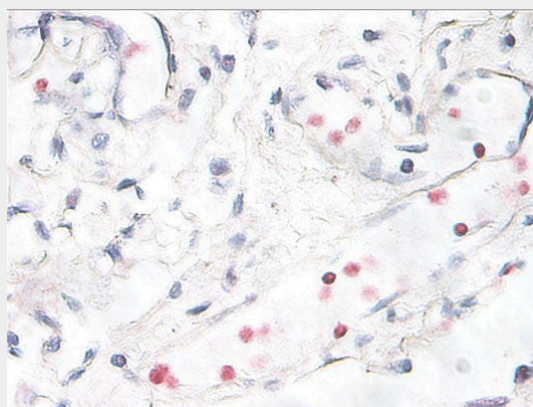
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-p38 MAPK (Thr180/Tyr182) Antibody - Images



Western blot of HeLa cell lysates that had been treated with UV (~254 nm) for 0' or 30' showing the specific immunolabeling of the ~39 kDa p38 MAPK protein phosphorylated at Thr180/Tyr182.



Immunostaining of human breast cancer tissue showing p38 when phosphorylated at Thr180/Tyr182 (red, 1:250). Photo courtesy of Patsy Ruegg.

Anti-p38 MAPK (Thr180/Tyr182) Antibody - Background

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The p38 MAPK is thought to be particularly important in diseases like asthma and autoimmunity but it also plays important roles in the stress response of the nervous system (Philip and Armstead, 2003; Ying et al., 2002). Like the other MAPKs, p38 is activated by a dual specificity kinase that phosphorylates Thr-180 and Tyr-182 (Lin et al., 1995).