

Anti-p38 MAPK14 Antibody

Catalog Number: A00176

About MAPK14

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

Le XF, et al. (2003) J Biol Chem.

Connor MK, et al. (2003) Mol Biol Cell; 14(1): 201-13.

McAllister SS, et al. (2003) Mol Cell Biol; 23(1): 216-28.

Chopra S, et al. (2002) J Biol Chem; 277(36): 32413-6.

Boehm M, et al. (2002) EMBO J; 21(13): 3390-401.

Overview

Product Name	Anti-p38 MAPK14 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p38 MAPK14 Antibody catalog # A00176. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16539

Technical Details

Immunogen	Synthesized peptide derived from human p38 around the non-phosphorylation site of Y323.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Pig
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL.
Purification	Immunogen affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

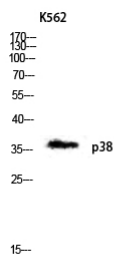
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

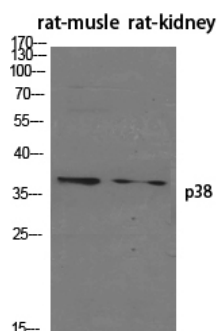
Boster Bio's internal QC testing used:

WB, 1:500-1:2000

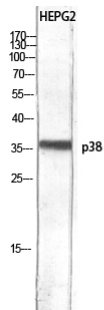
Anti-p38 MAPK14 Antibody (A00176) Images



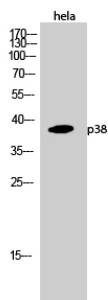
Western Blot (WB) analysis of K562 lysis using p38 antibody.



Western Blot (WB) analysis of specific cells using p38 Polyclonal antibody.

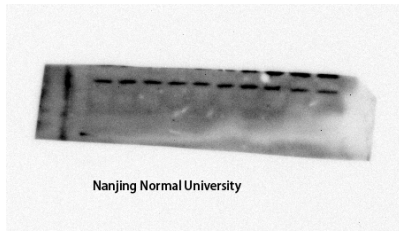
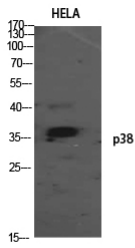


Western Blot (WB) analysis of HepG2 using p38 Polyclonal antibody.



Western Blot (WB) analysis of HeLa cells using p38 Polyclonal antibody

Western Blot (WB) analysis of HeLa using p38 Polyclonal antibody.



Western Blot (WB) analysis: Please contact us for more details. (info@stjohnslabs.com)

2 Publications Citing This Product

1. PubMed ID: 32794226, Ma G, Kimatu BM, Yang W, Pei F, Zhao L, Du H, Su A, Hu Q, Xiao H. Preparation of newly identified polysaccharide from *Pleurotus eryngii* and its anti-inflammation activities potential. *J Food Sci.* 2020 Sep;85(9):2822-2831. doi:10.1111/1750-3841.15375. Epub 2020 Aug 14

2. PubMed ID: 25206865, Vasopressin decreases neuronal apoptosis during cardiopulmonary resuscitation

Visit bosterbio.com/anti-p38-antibody-a00176-boster.html to see all 2 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-p38 MAPK14 Antibody