

MAPKAPK-2(Phospho Thr222) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01083
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MAPKAPK-2 around the phosphorylation site of Thr222. AA range:188-237
Mol wt	45568
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MAP kinase-activated protein kinase 2
Synonyms	MAP kinase-activated protein kinase 2; MAPKAPK2; MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.

Recommended Dilution

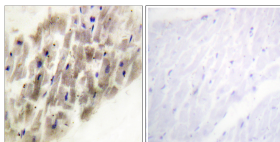
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

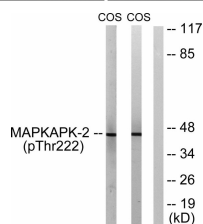
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human heart, using MAPKAPK-2 (Phospho-Thr222) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells treated with UV 15', using MAPKAPK-2 (Phospho-Thr222) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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