

MAPKAPK-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05212
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MAPKAPK2. AA range:300-349
Mol wt	45568
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	MAPKAPK-2 Antibody
Synonyms	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

MAPKAPK2 (mitogen-activated protein kinase-activated protein kinase 2) 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 MAPKAPK2.

Recommended Dilution

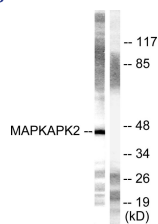
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

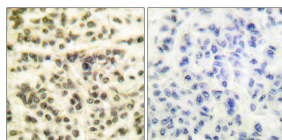
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HeLa cells, treated with Ca²⁺ 40nM 30', using MAPKAPK2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MAPKAPK2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of 293T 3T3 lysis using MAPKAPK-2 antibody. Antibody was diluted at 1:500

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com