BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Cot(Phospho Ser400) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08015
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP3K8 around the phosphorylation site of Ser400. AA range:366-415
Mol wt	52925
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Mitogen-activated protein kinase kinase kinase 8
Synonyms	Mitogen-activated protein kinase kinase kinase 8; MAP3K8; COT; ESTF; Mitogen-activated protein kinase kinase kinase 8; Cancer Osaka thyroid oncogene; Proto-oncogene c-Cot; Serine/threonine-protein kinase cot; Tumor progression locus 2; TPL-2

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

Background

This gene is an oncogene that encodes a member of the serine/threonine protein kinase family. The encoded protein localizes to the cytoplasm and can activate both the MAP kinase and JNK kinase pathways. This protein was shown to activate IkappaB kinases, and thus induce the nuclear production of NF-kappaB. This protein was also found to promote the production of TNF-alpha and IL-2 during T lymphocyte activation. This gene may also utilize a downstream in-frame translation start codon, and thus produce an isoform containing a shorter N-terminus. The shorter isoform has been shown to display weaker transforming activity. Alternate splicing results in multiple transcript variants that encode the same protein.

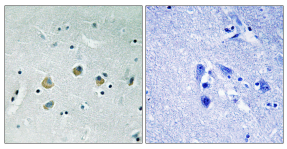
Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using MAP3K8 (Phospho-Ser400) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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