Product Datasheet

Cot (phospho Ser400) Polyclonal Antibody

Catalog No: #13955

Package Size: #13955-1 50ul #13955-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Cot (phospho Ser400) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Cot (S400) Polyclonal Antibody detects endogenous levels of Cot protein only when phosphorylated at S400.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human MAP3K8 around the phosphorylation site of Ser400. AA range:366-415
Other Names	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
Accession No.	Swiss Prot:P41279GeneID:1326
Uniprot	P41279
GeneID	1326
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

mitogen-activated protein kinase kinase kinase 8(MAP3K8) Homo sapiens 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. [provided by RefSeq, Sep 2011],

Note: This product is for in vitro research use only