

Datasheet for ABIN358351

anti-MAP3K8 antibody (pThr290)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	MAP3K8
Binding Specificity:	pThr290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K8 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T423 of human PAK1.
Isotype:	Ig Fraction
Specificity:	This antibody detects MAP3K8 / TPL-2 pThr290.
Purification:	Protein A Affinity Chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with peptides. The antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	MAP3K8
Alternative Name:	MAP3K8 / TPL-2 (MAP3K8 Products)

Target Details

Background:	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK8 is able to activate NF-kappa-B 1 by stimulating proteasome-mediated proteolysis of NF-kappa-B 1/p105. The protein appears to play an important role in the cell cycle. This cytoplasmic protein is expressed in several normal tissues and human tumor-derived cell lines. The 58 kDa form is activated specifically during the S and G2/M phases of the cell cycle. The longer form undergoes phosphorylation on Ser residues mainly, and the shorter form on both Ser and Thr residues.Synonyms: COT, COT proto-oncogene serine/threonine-protein kinase, Cancer Osaka thyroid oncogene, ESTF, MAPK, Mitogen-activated protein kinase kinase kinase 8, Tumor progression locus 2, Tumor progression locus 2
Molecular Weight:	52897 Da
Gene ID:	1326, 9606
UniProt:	P41279
Pathways:	PI3K-Akt Signaling , TCR Signaling

Application Details

Application Notes:	ELISA: 1/1,000. Dot Blot: 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

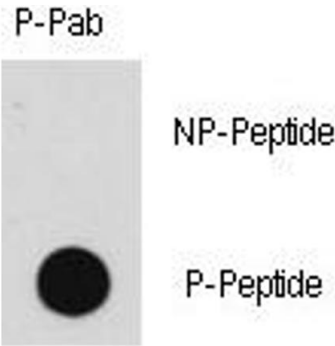
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images



Dot Blot