

Datasheet for ABIN2779365
anti-MAP3K8 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MAP3K8
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Horse, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MAP3K8
Sequence:	PRCQSLDSAL LERKRLLSRK ELELPENIAD SSCTGSTEEES EMLKRQRSly
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 77%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAP3K8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MAP3K8
---------	--------

Target Details

Alternative Name:	MAP3K8 (MAP3K8 Products)
Background:	MAP3K8 is a member of the serine/threonine protein kinase family. This kinase can activate both the MAP kinase and JNK kinase pathways. This kinase was shown to activate IκB kinases, and thus induce the nuclear production of NF-κB. This kinase was also found to promote the production of TNF-α and IL-2 during T lymphocyte activation. Studies of a similar gene in rat suggested the direct involvement of this kinase in the proteolysis of NF-κB1,p105 (NFKB1). 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. Alias Symbols: COT, EST, ESTF, TPL2, MEKK8, Tpl-2, c-COT Protein Interaction Partner: RELA, MAP2K1, RIPK1, NFKB1, ACY3, STIP1, HSP90AA1, TAB2, TRAF6, TRAF2, CD40, TNIP2, Nedd4, MAP3K14, MAP2K4, BMPR2, CHUK, REL, AKT1, NFKB2, KSR2, Protein Size: 467
Molecular Weight:	53 kDa
Gene ID:	1326
NCBI Accession:	NM_005204 , NP_005195
UniProt:	P41279
Pathways:	PI3K-Akt Signaling , TCR Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 467 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MAP3K8 Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate