

Datasheet for ABIN2775274
anti-MAP3K14 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	MAP3K14
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Pig, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K14 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAP3K14
Sequence:	SEAGPAAISI IAQAECENSQ EFSPTFSERI FIAGSKQYSQ SESLDQIPNN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAP3K14. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MAP3K14
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Target Details

Alternative Name:	MAP3K14 (MAP3K14 Products)
Background:	<p>This gene encodes mitogen-activated protein kinase kinase kinase 14, which is a serine/threonine protein-kinase. This kinase binds to TRAF2 and stimulates NF-kappaB activity. It shares sequence similarity with several other MAPKK kinases. It participates in an NF-kappaB-inducing signalling cascade common to receptors of the tumour-necrosis/nerve-growth factor (TNF/NGF) family and to the interleukin-1 type-I receptor.</p> <p>Alias Symbols: FTDCR1B, HS, HSNIK, NIK</p> <p>Protein Interaction Partner: UBC, TRAF3, TRAF2, BIRC2, TRAF1, IKBKB, HSP90AA1, CHUK, TRAF6, TNAP, PELI3, TRAF5, TANK, NFKB2, ARRB2, ZFP91, EEF1A1, PEBP1, HSP90AB1, CDC37, MAP3K14, EDAR, IKBKAP, RPL6, RPL5, RIPK1, MAP3K7, MAPK3, CASP8, GRB14, GRB10, GRB7, MAP2K4, IKBKG, MAP3K8, RPL4,</p> <p>Protein Size: 947</p>
Molecular Weight:	104 kDa
Gene ID:	9020
NCBI Accession:	NM_003954 , NP_003945
UniProt:	Q99558
Pathways:	NF-kappaB Signaling , TCR Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 947 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
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 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. Host: Rabbit Target Name: MAP3K14 Sample
Tissue: Human THP-1 Whole Cell Antibody Dilution: 1 ug/ml

Western Blotting

Image 2. WB Suggested Anti-MAP3K14
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: THP-1 cell lysate