

Datasheet for ABIN2788402

anti-MAPKAP Kinase 3 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MAPKAP Kinase 3 (MAPKAPK3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Guinea Pig, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 3 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 MAPKAPK3
Sequence:	KEEMTSALAT MRVDYDQVKI KDLKTSNNRL LNKRRKKQAG SSSASQGCNN
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAPKAPK3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MAPKAP Kinase 3 (MAPKAPK3)
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Target Details

Alternative Name:	MAPKAPK3 (MAPKAPK3 Products)
Background:	<p>MAPKAPK3 is a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation.</p> <p>Alias Symbols: 3PK, MAPKAP3, MK-3, MAPKAP-K3, MAPKAPK-3</p> <p>Protein Interaction Partner: UBC, TCF3, MAPK11, MAPK14, HSPB1, APP, LNX1, RNF2, PHC2, BMI1, Nedd4, NEDD4L, COPS6, SUMO3, SMS, RAB2A, IGHM, EZH2, MAPK13, EEF2K, EEF2, CBX4,</p> <p>Protein Size: 382</p>
Molecular Weight:	43 kDa
Gene ID:	7867
NCBI Accession:	NM_004635 , NP_004626
UniProt:	Q16644
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 382 AA
Restrictions:	For Research Use only

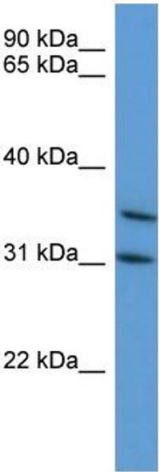
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

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 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



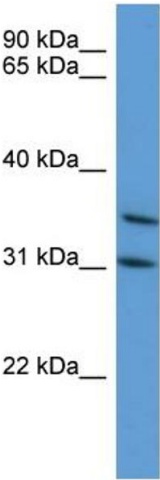
Western Blotting

Image 1. WB Suggested Anti-MAPKAPK3 Antibody

Titration: 0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: HepG2 cell lysate



Rabbit Anti-MAPKAPK3 Antibody
Catalog Number: ARP60321
Lot Number: QC31206
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-MAPKAPK3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: HepG2 cell lysate