

Datasheet for ABIN7268666  
**anti-MAPKAP Kinase 3 antibody (AA 1-240)**



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## Overview

Quantity:	100 µL
Target:	MAPKAP Kinase 3 (MAPKAPK3)
Binding Specificity:	AA 1-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	[KO Validated] MAPKAPK3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human MAPKAPK3 (NP_004626.1).
Sequence:	MDGETAEEQG GPVPPPVAPG GPGLGGAPGG RREPKKYAVT DDYQLSKQVL GLGVNGKVL CFHRRTGQKC ALKLLYDSPK ARQEVDDHHWQ ASGGPHIVCI LDVYENMHHG KRCLLIIMEC MEGGELFSRI QERGDQAFTE REAAEIMRDI GTAIQFLHSH NIAHRDVKPE NLLYTSKEKD AVLKLTDGFG AKETTQNALQ TPCYTPYYVA PEVLGPEKYD KSCDMWSLGV IMYILLCGFP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

Purification: Affinity purification

Grade: KO Validated

## Target Details

Target: MAPKAP Kinase 3 (MAPKAPK3)

Alternative Name: MAPKAPK3 ([MAPKAPK3 Products](#))

Background: This gene encodes 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. Alternate splicing results in multiple transcript variants that encode the same protein.,MAPKAPK3,3PK,MAPKAP-K3,MAPKAP3,MAPKAPK-3,MDPT3,MK-3,Signal Transduction,Kinase,Serine/threonine kinases,MAPK-P38 Signaling Pathway,Cell Biology & Developmental Biology,Microtubules,Immunology & Inflammation,MAPKAPK3

Molecular Weight: 42kDa

Gene ID: 7867

UniProt: [Q16644](#)

Pathways: [MAPK Signaling](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

## Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

## Handling

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Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.