

Datasheet for ABIN7268665
anti-MAPKAP Kinase 2 antibody (AA 1-70)



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1 Image

Overview

Quantity:	100 µL
Target:	MAPKAP Kinase 2 (MAPKAPK2)
Binding Specificity:	AA 1-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MAPKAPK2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human MAPKAPK2 (NP_116584.2).
Sequence:	MLSNSQGQSP PVPFPAPAPP PQPPTPALPH PPAQPPPPPP QQFPQFHVKS GLQIKKNAII DDYKVTSQVL
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

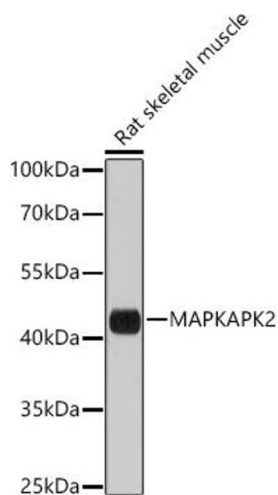
Target:	MAPKAP Kinase 2 (MAPKAPK2)
Alternative Name:	MAPKAPK2 (MAPKAPK2 Products)
Background:	<p>This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.,MAPKAPK2,MAPKAP-K2,MK-2,MK2,Signal Transduction,G protein signaling,G2/M DNA Damage</p> <p>Checkpoint,Kinase,Serine/threonine kinases,MAPK-P38 Signaling Pathway,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,Microtubules,Endocrine & Metabolism,Lipid Metabolism,Immunology & Inflammation,Cardiovascular,Blood,MAPKAPK2</p>
Molecular Weight:	42kDa/45kDa
Gene ID:	9261
UniProt:	P49137
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.



Western Blotting

Image 1. Western blot analysis of extracts of Rat skeletal muscle, using MAPKAPK-2/MK2 antibody (ABIN7268665) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 120s.