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Datasheet for ABIN7268662  
**anti-MAP4K2 antibody (AA 551-820)**

1 Image

Overview

Quantity:	100 µL
Target:	MAP4K2
Binding Specificity:	AA 551-820
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	MAP4K2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 551-820 of human MAP4K2 (NP_004570.2).
Sequence:	WAHDLPLGLFE QRRLQQQVPL SIPTNRLTQR IIPRRFALST KIPDTKGCLQ CRVVRNPYTG ATFLLAALPT SLLLLQWYEP LQKFLLLKNF SSPLPSPAGM LEPLVLDGKE LPQVCVGAEG PEGPGCRVLF HVLPLEAGLT PDILIPPEGI PGSAQQVIQV DRDTILVSFE RCVRIVNMQG EPTATLAPEL TDFPIETVV CLQDSVLAFW SHGMQGRSLD TNEVTQEITD ETRIFRVLGA HRDIILESIP TDNPEAHSNL YILTGHQSTY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: MAP4K2

Alternative Name: MAP4K2 ([MAP4K2 Products](#))

Background: The protein encoded by this gene is a member of the serine/threonine protein kinase family. Although this kinase is found in many tissues, its expression in lymphoid follicles is restricted to the cells of germinal centre, where it may participate in B-cell differentiation. This kinase can be activated by TNF-alpha, and has been shown to specifically activate MAP kinases. This kinase is also found to interact with TNF receptor-associated factor 2 (TRAF2), which is involved in the activation of MAP3K1/MEKK1. Alternative splicing results in multiple transcript variants.  
[provided by RefSeq, Apr 2015],BL44,GCK,RAB8IP,MAP4K2,Signal  
Transduction,Kinase,Serine/threonine kinases,MAPK-JNK Signaling Pathway,MAP4K2

Gene ID: 5871

UniProt: [Q12851](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:100 - 1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

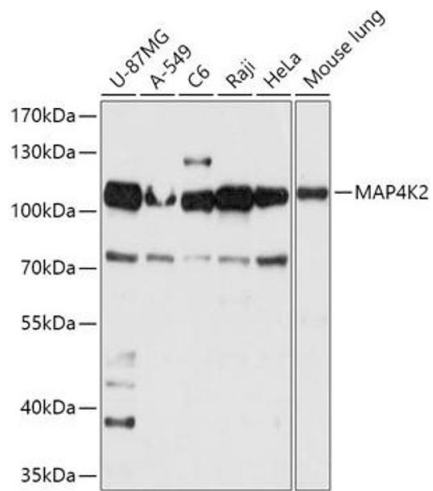
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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 various cell lines, using MK2 antibody (ABIN7268662) 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: 10s.