

Datasheet for ABIN392418  
**anti-MAP2K4 antibody (AA 235-264)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	MAP2K4
Binding Specificity:	AA 235-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This MEK4(MAP2K4) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-264 amino acids from human MEK4(MAP2K4).
Clone:	RB11276
Isotype:	Ig Fraction
Predicted Reactivity:	Zf, X, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MAP2K4
Alternative Name:	MEK4 (MAP2K4) ( <a href="#">MAP2K4 Products</a> )

## Target Details

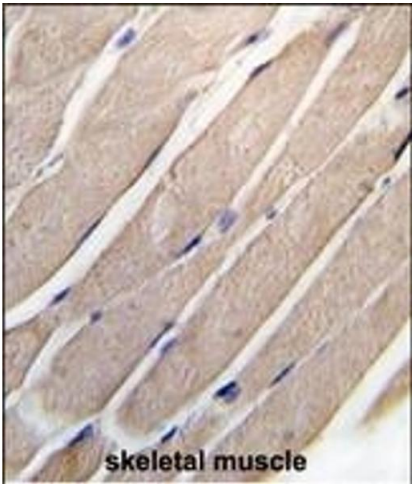
Background:	MAP2K4 is a dual specificity protein kinase that belongs to the Ser/Thr protein kinase family. This kinase is a direct activator of MAP kinases in response to various environmental stresses or mitogenic stimuli. It has been shown to activate MAPK8/JNK1, MAPK9/JNK2, and MAPK14/p38, but not MAPK1/ERK2 or MAPK3/ERK3. MAP2K4 is phosphorylated, and thus activated by MAP3K1/MEKK. The knockout studies in mice suggested the roles of this kinase in mediating survival signal in T cell development, as well as in the organogenesis of liver.
Molecular Weight:	44288
Gene ID:	6416
NCBI Accession:	<a href="#">NP_001268364</a> , <a href="#">NP_003001</a>
UniProt:	<a href="#">P45985</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">BCR Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

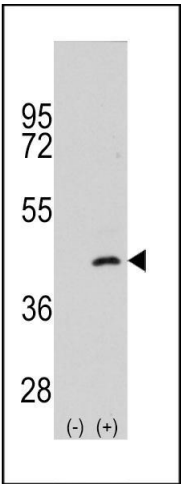
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Forlin-fixed and paraffin-embedded human skeletal muscle tissue reacted with P2K4 Antibody (ABIN392418 and ABIN2842027), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Western blot analysis of P2K4 (arrow) using rabbit polyclonal P2K4 Antibody (ABIN392418 and ABIN2842027). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the P2K4 gene (Lane 2) (Origene Technologies).