

Datasheet for ABIN1882174  
**anti-MAP3K9 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	MAP3K9
Binding Specificity:	AA 159-189, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This MAP3K9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-189 amino acids from the N-terminal region of human MAP3K9.
Clone:	RB3611
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MAP3K9
Alternative Name:	MAP3K9 ( <a href="#">MAP3K9 Products</a> )
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,

## Target Details

generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.

Molecular Weight:	121895
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NCBI Accession:	<a href="#">NP_149132</a>
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UniProt:	<a href="#">P80192</a>
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## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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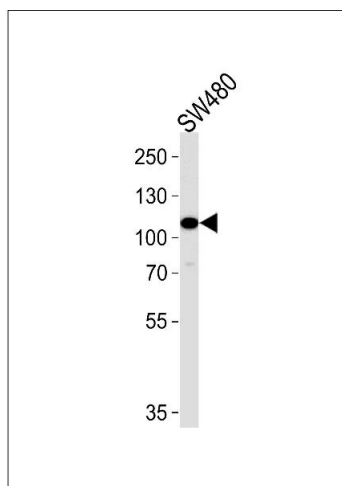
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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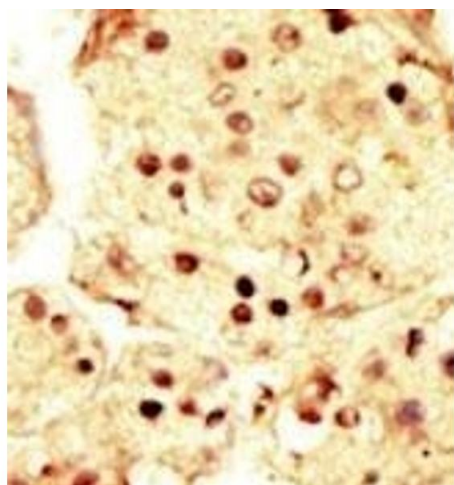
Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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### Western Blotting

**Image 1.** P3K9 Antibody (N-term) (ABIN1882174 and ABIN2842064) western blot analysis in S cell line lysates (35 µg/lane). This demonstrates the P3K9 antibody detected the P3K9 protein (arrow).



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.