



Datasheet for ABIN391465  
**anti-MAPK4 antibody (N-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	MAPK4
Binding Specificity:	AA 72-101, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAPK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human MAPK4.
Clone:	RB14446
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MAPK4
Alternative Name:	MAPK4 ( <a href="#">MAPK4 Products</a> )

## Target Details

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Background:	Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus where it phosphorylates nuclear targets.
Gene ID:	5596
UniProt:	<a href="#">Q0VG04</a>
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

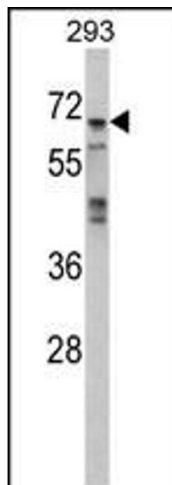
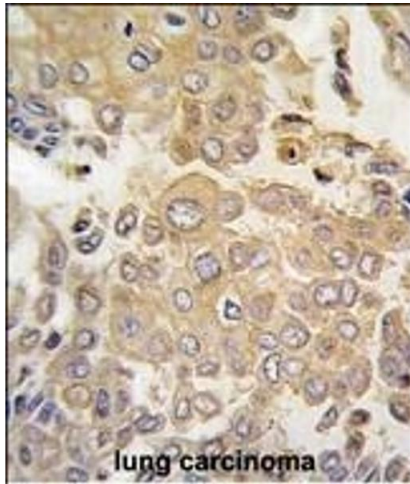
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

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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 lung carcinoma tissue reacted with PK4 antibody (N-term) (ABIN391465 and ABIN2837846), 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 PK4 Antibody (N-term) (ABIN391465 and ABIN2837846) in 293 cell line lysates (35 µg/lane). PK4 (arrow) was detected using the purified antibody.