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## Datasheet for ABIN7116423 **anti-MAPK4 antibody**

### Overview

Quantity:	100 µg
Target:	MAPK4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	mitogen-activated protein kinase 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	MAPK4
Alternative Name:	MAPK4 ( <a href="#">MAPK4 Products</a> )
Background:	Synonyms:ERK4, PRKM4 Background:Atypical MAPK protein. Phosphorylates microtubule-associated protein 2(MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK4/MAPK4 is phosphorylated at Ser-186 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates

## Target Details

	ERK4/MAPK4. May promote entry in the cell cycle(By similarity).
Molecular Weight:	68 kDa
Gene ID:	5596
UniProt:	<a href="#">P31152</a>
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

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

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months