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Datasheet for ABIN6243364

anti-MAP4K1 antibody (AA 346-375)

1 Image

Overview

Quantity:	400 µL
Target:	MAP4K1
Binding Specificity:	AA 346-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MAP4K1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-375 amino acids from human MAP4K1.
Clone:	RB11320
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP4K1
Alternative Name:	MAP4K1 (MAP4K1 Products)
Background:	MAP4K1 or HPKI (hematopoietic progenitor kinase I) is one of these mammalian kinases that

Target Details

have significant sequence similarity to the *Saccharomyces Cerevisiae* serine/threonine kinase STE20, which relays signals from G protein coupled receptors to cytosolic MAP kinase cascades. MAP4K1 may play a role in the response to environmental stress. It appears to act upstream of the JUN N terminal pathway. It may play a role in hematopoietic lineage decisions and growth regulation.

Molecular Weight: 91296

NCBI Accession: [NP_001036065](#), [NP_009112](#)

UniProt: [Q92918](#)

Pathways: [TCR Signaling](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

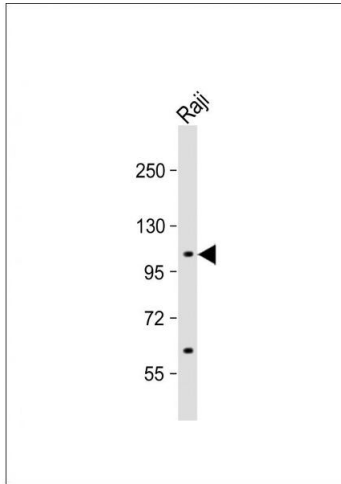
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. Anti-P4K1 Antibody at 1:1000 dilution + Raji whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.