

Datasheet for ABIN391320

anti-MAPKAP Kinase 5 antibody (AA 160-189)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	MAPKAP Kinase 5 (MAPKAPK5)
Binding Specificity:	AA 160-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PRAK(MAPKAPK5) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-189 amino acids from human PRAK(MAPKAPK5).
Clone:	RB13233
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAPKAP Kinase 5 (MAPKAPK5)
Alternative Name:	PRAK (MAPKAPK5) (MAPKAPK5 Products)
Background:	MAPKAPK5 is a member of the serine/threonine kinase family. In response to cellular stress

Target Details

and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites.

Molecular Weight: 54220

Gene ID: 8550

NCBI Accession: [NP_003659](#), [NP_620777](#)

UniProt: [Q8IW41](#)

Pathways: [MAPK Signaling](#)

Application Details

Application Notes: WB: 1:1000. 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.

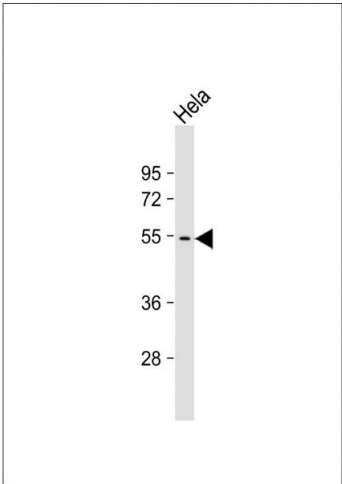
Preservative: Sodium azide

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

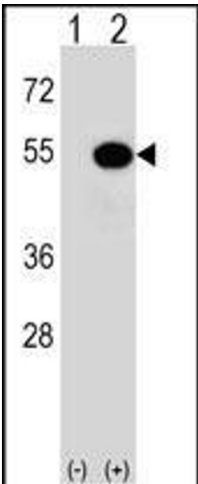
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-PKK5 Antibody at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. Western blot analysis of PKK5 (arrow) using rabbit polyclonal PKK5 Antibody 7216a. 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PKK5 gene.