

## Datasheet for ABIN6746529 anti-MAPK10 antibody (AA 25-74)



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### Overview

Quantity:	100 µL
Target:	MAPK10
Binding Specificity:	AA 25-74
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Goat, Guinea Pig, Horse, Rabbit, Xenopus laevis, Monkey, Bat, Pig, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK10 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide located between aa25-74 of rat Mapk10 (B0VXR6, NP_036938). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Goat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Lizard, Xenopus, Zebrafish (100%), Orangutan, Sea squirt, Drosophila, Nematode (92%).  Type of Immunogen: Synthetic peptide
Specificity:	Rat MAPK10 / JNK3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Chicken, Zebrafish (100%).

## Product Details

Purification: Immunoaffinity purified

## Target Details

Target: MAPK10

Alternative Name: MAPK10 / JNK3 ([MAPK10 Products](#))

Background: Name/Gene ID: MAPK10

Subfamily: MAPK

Family: Protein Kinase

Synonyms: MAPK10, C-Jun N-terminal kinase 3, JNK3, JNK3A, MAPK 10, MAP kinase 10, MAP kinase p49 3F12, p493F12, p54B SAPK, SAPK beta, p54bSAPK, SAPK1b, Serk 2, JNK3 alpha protein kinase, PRKM10

Gene ID: 5602

NCBI Accession: [NP\\_036938](#)

UniProt: [P53779](#)

Pathways: [MAPK Signaling](#), [WNT Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

## Application Details

Application Notes: Approved: WB (1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Rat

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

## Handling

Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

Product cited in:	Tominaga, Morisaki, Kaneko, Fujimoto, Tanaka, Ohtsubo, Hirai, Okayama, Ikeda, Nakanishi: "Role of human Cds1 (Chk2) kinase in DNA damage checkpoint and its regulation by p53." in: <b>The Journal of biological chemistry</b> , Vol. 274, Issue 44, pp. 31463-7, (1999) ( <a href="#">PubMed</a> ).
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## Images

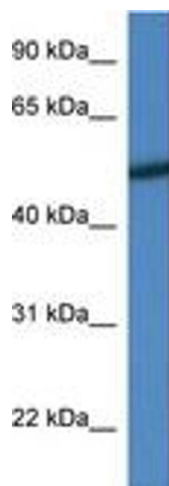


Image 1.