antibodies

# Datasheet for ABIN7429106 anti-MAPK10 antibody (AA 88-332)

3 Images



#### Overview

Quantity:	100 µL
Target:	MAPK10
Binding Specificity:	AA 88-332
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Purpose:	Polyclonal Antibody to Mitogen Activated Protein Kinase 10 (MAPK10)
Immunogen:	Recombinant Mitogen Activated Protein Kinase 10 (MAPK10) corresdonding to Arg88~Ala332 (Accession # P53779)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MAPK10. It has been selected for its ability to recognize MAPK10 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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### Target Details

Target:	MAPK10
Alternative Name:	Mitogen Activated Protein Kinase 10 (MAPK10 Products)
Background:	JNK3, SAPK1b, PRKM10, Stress-activated protein kinase 1b, Stress-activated protein kinase JNK3, c-Jun N-terminal kinase 3, MAP kinase p49 3F12
Pathways:	MAPK Signaling, WNT Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Hepatitis C, Toll-Like Receptors Cascades

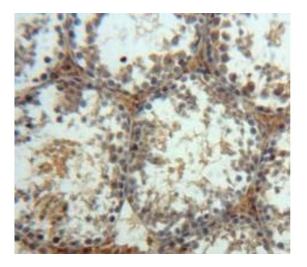
## Application Details

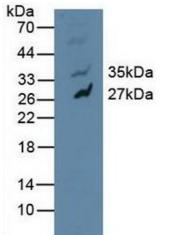
Application Notes:	Western blotting: 1-5 $\mu$ g/mL Immunocytochemistry in formalin fixed cells: 5-20 $\mu$ g/mL
	Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu$ g/mL Immunohistochemistry in
	paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal
	working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^\circ$ C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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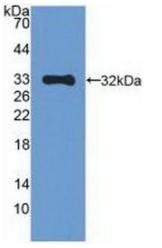


### Immunohistochemistry

Image 1. #VALUE!

#### Western Blotting

**Image 2.** Detection of MAPK10 in Human U-87MG Cells using Polyclonal Antibody to Mitogen Activated Protein Kinase 10 (MAPK10)



#### Western Blotting

**Image 3.** Detection of Recombinant MAPK10, Human using Polyclonal Antibody to Mitogen Activated Protein Kinase 10 (MAPK10)

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