Datasheet for ABIN391328
# anti-MAPK11 antibody (AA 334-366)

| 2 | Images |
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## Overview

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| Quantity: | 400 μL |
| Target: | MAPK11 |
| Binding Specificity: | AA 334-366 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAPK11 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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| Immunogen: | This MAPK11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-366 amino acids from the center region of human MAPK11. |
| Clone: | RB03193 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

## Target Details

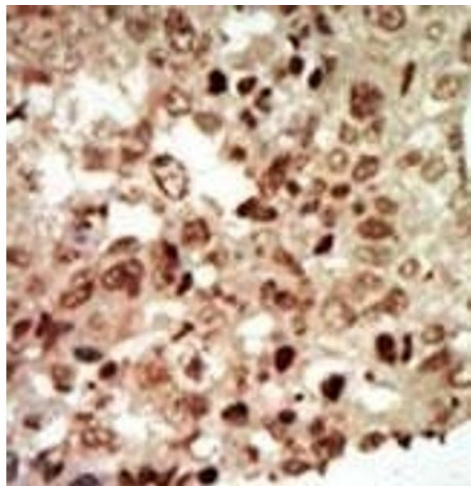| | |
|---|---|
| Target: | MAPK11 |
| Alternative Name: | MAPK11 (MAPK11 Products) |

## Target Details

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|---|---|
| Background: | MAPK11 is a Ser/Thr kinase involved in a signal transduction pathway that is activated by changes in the osmolarity of the extracellular environment, by cytokines, or by environmental stress. It preferentially phosphorylates transcription factor ATF2. This protein is activated by phosphorylation on threonine and tyrosine by MKK6, and is inhibited by pyridinyl-imidazole related compounds. Highest expression levels are in the brain and heart, with additional expression in the placenta, lung, liver, skeletal muscle, kidney and pancreas. |
| Molecular Weight: | 41357 |
| Gene ID: | 5600 |
| NCBI Accession: | NP_002742 |
| UniProt: | Q15759 |
| Pathways: | MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Response to Water Deprivation, Regulation of Muscle Cell Differentiation, ER-Nucleus Signaling, Hepatitis C, Toll-Like Receptors Cascades, Signaling Events mediated by VEGFR1 and VEGFR2, Thromboxane A2 Receptor Signaling, BCR Signaling, S100 Proteins |

## Application Details

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| Application Notes: | WB: 1:1000. IHC-P: 1:50~100 |
| Restrictions: | For Research Use only |

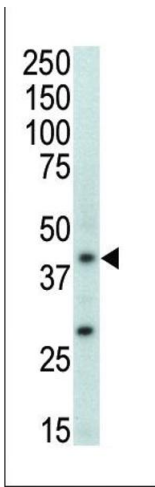## Handling

| | |
|---|---|
| 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 |

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