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Datasheet for ABIN7263721 anti-MAPK11 antibody

2 Images



Overview

Quantity:	200 µL
Target:	MAPK11
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of human MAPK11
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MAPK11
Alternative Name:	MAPK11 (MAPK11 Products)
Background:	This gene encodes a member of a family of protein kinases that are involved in the integration
	of biochemical signals for a wide variety of cellular processes, including cell proliferation,
	differentiation, transcriptional regulation, and development. The encoded protein can be
	activated by proinflammatory cytokines and environmental stresses through phosphorylation

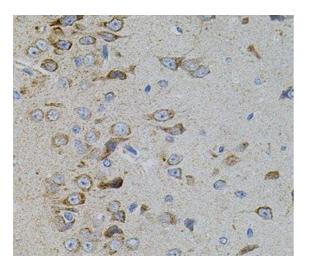
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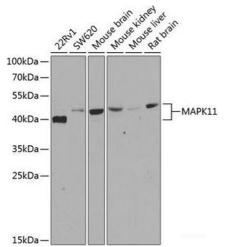
Target Details

	by mitogen activated protein kinase kinases (MKKs). Alternative splicing results in multiple transcript variants.
Molecular Weight:	Observed_MW: 41 kDa Calculated_MW: 23 kDa/41 kDa
Gene ID:	5600
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	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat brain using MAPK11 Polyclonal Antibody

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using MAPK11 Polyclonal Antibody at dilution of 1:500.

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