Datasheet for ABIN905666

anti-MAPK11 antibody (AA 21-120) (AbBy Fluor® 488)

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Overview

Quantity:	100 µL
Target:	MAPK11
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK11 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAPK11
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	MAPK11
Alternative Name:	MAPK11 (MAPK11 Products)

Target Details

Background:	Synonyms: P38B, SAPK2, p38-2, PRKM11, SAPK2B, p38Beta, P38BETA2, Mitogen-activated protein kinase 11, MAP kinase 11, MAPK 11, Mitogen-activated protein kinase p38 beta, MAP kinase p38 beta, Stress-activated protein kinase 2b, MAPK11 Background: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. MAPK11 is most closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and environmental stress. This kinase is activated through its phosphorylation by MAP kinase kinases (MKKs), preferably by MKK6. Transcription factor ATF2/CREB2 has been shown to be a substrate of this kinase.
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:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months