Datasheet for ABIN879142

anti-MAPK11 antibody (pThr180, pTyr182) (AbBy Fluor® 555)

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Overview

Quantity:	100 µL
Target:	MAPK11
Binding Specificity:	pThr180, pTyr182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK11 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MAPK11 around the phosphorylation site of Thr180+Tyr182
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	MAPK11

Target Details

Alternative Name:	MAPK11+ (MAPK11 Products)
Background:	Synonyms: MAPK11phospho T180/Y182, Human p38Beta MAP kinase mRNA complete cds, MAP kinase 11, MAP kinase p38 beta, MAPK 11, Mapk11, Mitogen activated protein kinase 11, Mitogen activated protein kinase p38 2, Mitogen activated protein kinase p38 beta, mitogen-activated protein kinase 11, Mitogen-activated protein kinase p38 beta, MK11_HUMAN, p38 2, p38-2, P38B, p38Beta, P38BETA2, PRKM11, protein kinase mitogen activated 11, SAPK2, SAPK2B, Stress activated protein kinase 2, Stress-activated protein kinase 2. 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
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

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months