

Datasheet for ABIN906550

anti-MAP3K11 antibody (AA 355-460) (Alexa Fluor 555)



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Overview

Quantity:	100 µL
Target:	MAP3K11
Binding Specificity:	AA 355-460
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K11 antibody is conjugated to Alexa Fluor 555
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 MLK3
Isotype:	IgG
Specificity:	Due to the similarity of this protein to MLK1 2 and 4, there is a chance that this antibody will cross-react based on homology.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	MAP3K11
Alternative Name:	MLK3 (MAP3K11 Products)
Background:	<p>Synonyms: MLK3, PTK1, SPRK, MLK-3, MEKK11, Mitogen-activated protein kinase kinase 11, Mixed lineage kinase 3, Src-homology 3 domain-containing proline-rich kinase, MAP3K11</p> <p>Background: Activates the JUN N-terminal pathway. Required for serum-stimulated cell proliferation and for mitogen and cytokine activation of MAPK14 (p38), MAPK3 (ERK) and MAPK8 (JNK1) through phosphorylation and activation of MAP2K4/MKK4 and MAP2K7/MKK7. Plays a role in mitogen-stimulated phosphorylation and activation of BRAF, but does not phosphorylate BRAF directly. Influences microtubule organization during the cell cycle.</p>
Molecular Weight:	94kDa
Gene ID:	4296
UniProt:	Q16584
Pathways:	MAPK Signaling , Interferon-gamma Pathway

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