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Datasheet for ABIN6242133 anti-MAPK13 antibody (C-Term)

2 Images



Overview

Quantity:	400 µL
Target:	MAPK13
Binding Specificity:	AA 335-365, C-Term
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAPK13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 335-365 amino acids from the C-terminal region of human MAPK13.
Clone:	RB0912
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	

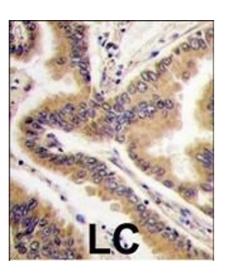
Target:

MAPK13

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Target Details	
Alternative Name:	MAPK13 (MAPK13 Products)
Background:	P38 delta 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. This kinase is closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase.
Molecular Weight:	42090
NCBI Accession:	NP_002745
UniProt:	015264
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Hepatitis C, BCR Signaling, S100 Proteins
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
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
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with P38 delta antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. The anti-P38delta C-term Pab (ABIN6242133 and ABIN6578997) is used in Western blot to detect P38 delta in nocodazole-treated HC (lane 1) and A-treated Pam212 (lane 2) cell lysates.

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