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Datasheet for ABIN7256746 anti-DUSP12 antibody

Image



Overview

Quantity:	200 µL
Target:	DUSP12
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human DUSP12 (NP_009171.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DUSP12
Alternative Name:	DUSP12 (DUSP12 Products)
Background:	The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the
	phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of
	the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is

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Target Details

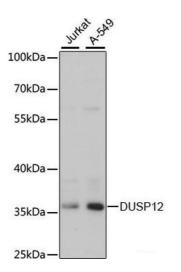
	associated with cellular proliferation and differentiation. Different members of the family of dual
	specificity phosphatases show distinct substrate specificities for various MAP kinases,
	different tissue distribution and subcellular localization, and different modes of inducibility of
	their expression by extracellular stimuli. This gene product is the human ortholog of the
	Saccharomyces cerevisiae YVH1 protein tyrosine phosphatase. It is localized predominantly in
	the nucleus, and is novel in that it contains, and is regulated by a zinc finger domain.
Molecular Weight:	Observed_MW: 36 kDa
Molecular Weight:	Observed_MW: 36 kDa Calculated_MW: 37 kDa
Molecular Weight: Gene ID:	
	Calculated_MW: 37 kDa

Application Details

Application Notes:	WB 1:500-1:2000
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using DUSP12 Polyclonal Antibody at dilution of 1:3000.

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