Datasheet for ABIN7163601

anti-PAFAH1B1 antibody (AA 40-155)

1 Image

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Overview

Quantity:	100 µg
Target:	PAFAH1B1
Binding Specificity:	AA 40-155
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAFAH1B1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Platelet-activating factor acetylhydrolase IB subunit alpha protein (40-155AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PAFAH1B1
Alternative Name:	PAFAH1B1 (PAFAH1B1 Products)
Background:	Background: Required for proper activation of Rho GTPases and actin polymerization at the

Target Details

	leading edge of locomoting cerebellar neurons and postmigratory hippocampal neurons in response to calcium influx triggered via NMDA receptors. Non-catalytic subunit of an acetylhydrolase complex which inactivates platelet-activating factor (PAF) by removing the acetyl group at the SN-2 position (By similarity). Positively regulates the activity of the minus-end directed microtubule motor protein dynein. May enhance dynein-mediated microtubule sliding by targeting dynein to the microtubule plus end. Required for several dynein- and microtubule-dependent processes such as the maintenance of Golgi integrity, the peripheral transport of microtubule fragments and the coupling of the nucleus and centrosome. Required during brain development for the proliferation of neuronal precursors and the migration of newly formed neurons from the ventricular/subventricular zone toward the cortical plate. Neuronal migration involves a process called nucleokinesis, whereby migrating cells extend an anterior process into which the nucleus subsequently translocates. During nucleokinesis dynein at the nuclear surface may translocate the nucleus towards the centrosome by exerting force on centrosomal microtubules. May also play a role in other forms of cell locomotion including the migration of fibroblasts during wound healing. Aliases: LIS 1 antibody, LIS 2 antibody, LIS-1 antibody, LIS1 antibody, LIS1_HUMAN antibody, LIS2 antibody, Lissencephaly 1 protein antibody, Lissencephaly-1 protein antibody, MDCR antibody, MDS antibody, PAF acetylhydrolase 45 kDa subunit antibody, PAF AH 45 kDa subunit antibody, PAF AH alpha antibody, PAF-AH 45 kDa subunit antibody, PAF-AH alpha antibody, PAFAH alpha antibody, PAFAH antibody, PAFAH1B1 antibody, PAFAHA antibody, Platelet activating factor acetylhydrolase 1b regulatory subunit 1 antibody, Platelet activating factor acetylhydrolase isoform Ib alpha subunit antibody, Platelet-activating factor acetylhydrolase IB subunit alpha antibody
UniProt:	P43034
Pathways:	M Phase, Regulation of Cell Size

Application Details

Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only

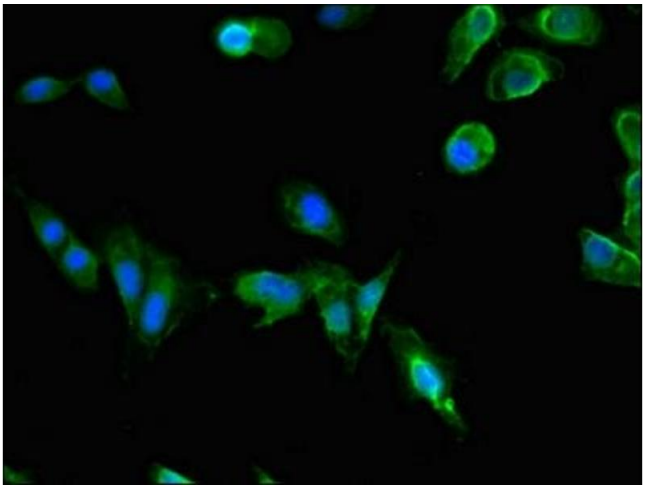
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300

Handling

	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7163601 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)