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Datasheet for ABIN7161121 anti-NDFIP1 antibody (AA 2-116) (HRP)



Overview

Quantity:	100 µg
Target:	NDFIP1
Binding Specificity:	AA 2-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDFIP1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human NEDD4 family-interacting protein 1 protein (2-116AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NDFIP1
Alternative Name:	NDFIP1 (NDFIP1 Products)
Background:	Background: Activates HECT domain-containing E3 ubiquitin-protein ligases, including NEDD4
	and ITCH, and consequently modulates the stability of their targets. As a result, controls many

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	cellular processes. Prevents chronic T-helper cells-mediated inflammation by activating ITCH
	and thus controlling JUNB degradation (By similarity). In cortical neurons, mediates the
	ubiquitination of SLC11A2/DMT1 by NEDD4L, leading to down-regulation of the divalent metal
	transporter and protection of the cells from cobalt and iron toxicity (PubMed:19706893).
	Modulates EGFR signaling through multiple pathways. In particular, may regulate the ratio of
	AKT1-to-MAPK8 signaling in response to EGF, acting on AKT1 probably through PTEN
	destabilization and on MAPK8 through ITCH-dependent MAP2K4 inactivation. As a result, may
	control cell growth rate (PubMed:20534535). Enhances the ubiquitination of BRAT1 mediated
	by E3 ubiquitin-protein ligases: NEDD4, NEDD4L and ITCH, and is required for the nuclear
	localization of ubiquitinated BRAT1 (PubMed:25631046).
	Aliases: 0610010M22Rik antibody, Breast cancer associated protein SGA 1M antibody, Breast
	cancer-associated protein SGA-1M antibody, MGC10924 antibody, N4WBP5 antibody, Ndfip1
	antibody, Nedd4 family interacting protein 1 antibody, NEDD4 family-interacting protein 1
	antibody, NEDD4 WW domain binding protein 5 antibody, NEDD4 WW domain-binding protein 5
	antibody, NFIP1_HUMAN antibody, Putative MAPK activating protein PM13 antibody, Putative
	MAPK-activating protein PM13 antibody, Putative NF kappa B activating protein 164 antibody,
	Putative NF-kappa-B-activating protein 164 antibody, Putative NFKB and MAPK activating
	protein antibody, Putative NFKB and MAPK-activating protein antibody
UniProt:	Q9BT67
Pathways:	Transition Metal Ion Homeostasis, Regulation of Leukocyte Mediated Immunity, Production of
	Molecular Mediator of Immune Response, Negative Regulation of Transporter Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 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.

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Handling

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Storage Comment:

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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