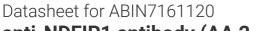
antibodies .- online.com





anti-NDFIP1 antibody (AA 2-116) (FITC)



Overview

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

Product Details

Immunogen:	Recombinant Human NEDD4 family-interacting protein 1 protein (2-116AA)
Isotype:	IgG
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

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 164 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

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.
Storage:	-20 °C,-80 °C

Storage Comment:

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