

Datasheet for ABIN6991731  
**anti-NDFIP1 antibody (N-Term)**



[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	NDFIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDFIP1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	NDFIP1 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human NDFIP1. The immunogen is located within the first 50 amino acids of NDFIP1.
Isotype:	IgG
Specificity:	NDFIP1 antibody is predicted to not cross-react with NDFIP2.
Purification:	NDFIP1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	NDFIP1
Alternative Name:	NDFIP1 ( <a href="#">NDFIP1 Products</a> )

## Target Details

Background:	<p>NDFIP1 Antibody: The NEDD4 family-interacting protein 1 (NDFIP1) belongs to a small group of evolutionarily conserved proteins with three transmembrane domains and is an integral Golgi membrane protein. It is a potential target for ubiquitination by the Nedd4 family of proteins. NDFIP1 is strongly expressed in surviving neurons following acute cortical brain injury, and overexpression in cultured cortical neurons increased survival following growth factor starvation, suggesting that NDFIP1 may play a role in neuronal survival. NDFIP1 and the related protein NDFIP2 are thought to interact with and regulate multiple components of the EGF and PTEN/Akt signaling pathways. Recent studies suggest that NDFIP1 may also play a role in Th17 differentiation by limiting the production of proinflammatory cytokines.</p>
Molecular Weight:	24 kDa
Gene ID:	80762
NCBI Accession:	<a href="#">NP_085048</a>
UniProt:	<a href="#">Q9BT67</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Negative Regulation of Transporter Activity</a>

## Application Details

Application Notes:	<p>NDFIP1 antibody can be used for detection of NDFIP1 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NDFIP1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

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should be handled by trained staff only.

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Storage: -20 °C, 4 °C

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Storage Comment: NDFIP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.