

Datasheet for ABIN1450002
anti-NDFIP1 antibody (N-Term)



[Go to Product page](#)

1 Image

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:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	A 19 amino acid synthetic peptide near the amino terminus of Human NDFIP1
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	NDFIP1
Alternative Name:	NDFIP1 (NDFIP1 Products)
Background:	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

Target Details

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. Synonyms: N4WBP5, NEDD4 family-interacting protein 1, PSEC0192, PSEC0223

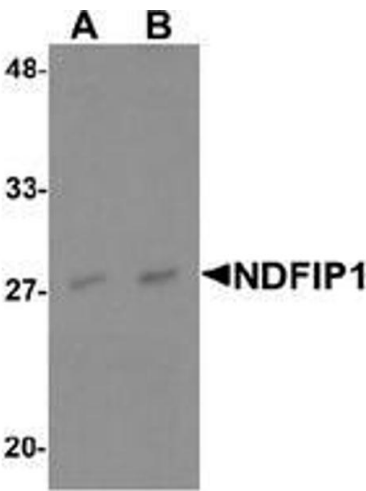
Molecular Weight:	24 kDa
Gene ID:	80762
NCBI Accession:	NP_085048
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of NDFIP1 in PC-3 cell lysate with NDFIP1 Antibody at (A) 0.5 and (B) 1 μ g/ml.