

Anti-NDFIP1 Antibody

Catalog Number: A04644

About NDFIP1

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.

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Overview

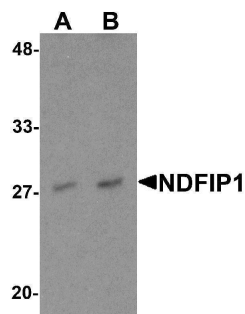
Product Name	Anti-NDFIP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-NDFIP1 Antibody (Catalog # A04644). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	NDFIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	NDFIP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BT67

Technical Details

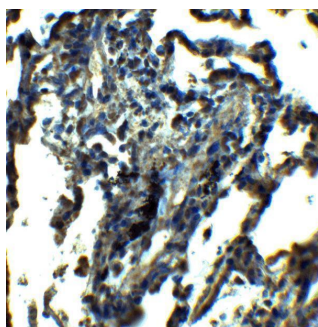
Immunogen	NDFIP1 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human NDFIP1. The immunogen is located within the first 50 amino acids of NDFIP1.
Predicted Reactive Species	Rat

Cross Reactivity	NDFIP1 antibody is predicted to not cross-react with NDFIP2.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NDFIP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	NDFIP1 antibody can be used for detection of NDFIP1 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

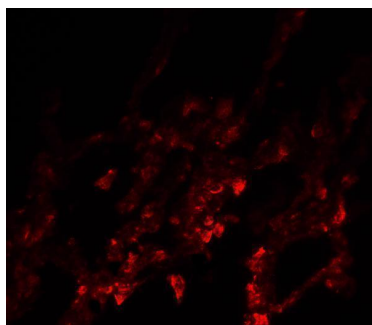
Anti-NDFIP1 Antibody (A04644) Images



Western blot analysis of NDFIP1 in PC-3 cell lysate with NDFIP1 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of NDFIP1 in human lung tissue with NDFIP1 antibody at 5 ug/ml.



Immunofluorescence of NDFIP1 in human lung tissue with NDFIP1 antibody at 20 ug/ml.

Anti-NDFIP1 Antibody

For Research Use Only. Not for use in diagnostic procedures.