

## Ndfip1 Polyclonal Antibody

Catalog No: YT3002

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: Ndfip1

Gene Name: NDFIP1

**Protein Name:** NEDD4 family-interacting protein 1

**Q9BT67** 

**Q8R0W6** 

Human Gene Id: 80762

**Human Swiss Prot** 

No:

Mouse Gene ld: 65113

**Mouse Swiss Prot** 

No:

**Rat Gene Id:** 291609

Rat Swiss Prot No: Q5U2S1

Immunogen: Synthesized peptide derived from Ndfip1 . at AA range: 150-230

**Specificity:** Ndfip1 Polyclonal Antibody detects endogenous levels of Ndfip1 protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 25kD

**Background :** The protein encoded by this gene belongs to a small group of evolutionarily

conserved proteins with three transmembrane domains. It is a potential target for ubiquitination by the Nedd4 family of proteins. This protein is thought to be part of

a family of integral Golgi membrane proteins. [provided by RefSeq, Jul 2008],

Function: developmental stage:Expressed in fetal brain, kidney and lung.,domain:The WW-

binding motifs mediate interaction with NEDD4.,function:May play a role in Golgi

structure maintenance.,PTM:Ubiquitinated by NEDD4; mono-, di- and polyubiquitinated forms are detected. Ubiquitination regulates its

degradation., subunit: Interacts with NEDD4. Interacts in vitro with NEDD4L, SR140, WWP2 and ITCH., tissue specificity: Widely expressed. Higher levels are

detected in cerebellum, pituitary, thalamus, kidney, liver, testis, salivary glands

and placenta.,

Subcellular Location:

Endosome membrane; Multi-pass membrane protein. Golgi apparatus membrane. Cell junction, synapse, synaptosome. Cell projection, dendrite. Secreted. Detected in exosomes and secreted via the exosomal pathway

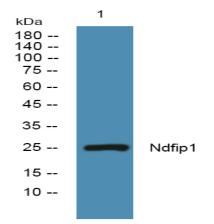
(PubMed:18819914).

**Expression:** Widely expressed. Higher levels are detected in cerebellum, pituitary, thalamus,

kidney, liver, testis, salivary glands and placenta. Also expressed in fetal brain,

kidney and lung.

## **Products Images**



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night