

NDFIP2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13026**Specification**

NDFIP2 antibody - middle region - Product Information

Application	WB
Primary Accession	O9NV92
Other Accession	NM_019080 , NP_061953
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa kDa

NDFIP2 antibody - middle region - Additional Information**Gene ID** 54602

Alias Symbol **FLJ25842, KIAA1165, N4wbp5a, N4WBP5A**

Other Names
NEDD4 family-interacting protein 2, NEDD4 WW domain-binding protein 5A, Putative MAPK-activating protein PM04/PM05/PM06/PM07, Putative NF-kappa-B-activating protein 413, NDFIP2, KIAA1165, N4WBP5A

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-NDFIP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NDFIP2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

NDFIP2 antibody - middle region - Protein Information**Name** NDFIP2**Synonyms** KIAA1165, N4WBP5A**Function**

Activates HECT domain-containing E3 ubiquitin-protein ligases, including ITCH, NEDD4, NEDD4L, SMURF2, WWP1 and WWP2, and consequently modulates the stability of their targets. As a result, may control many cellular processes. Recruits ITCH, NEDD4 and SMURF2 to endosomal

membranes. Negatively regulates KCNH2 potassium channel activity by decreasing its cell-surface expression and interfering with channel maturation through recruitment of NEDD4L to the Golgi apparatus and multivesicular body where it mediates KCNH2 degradation (PubMed:26363003). May modulate EGFR signaling. Together with NDFIP1, limits the cytokine signaling and expansion of effector Th2 T-cells by promoting degradation of JAK1, probably by ITCH- and NEDD4L-mediated ubiquitination (By similarity).

Cellular Location

Endosome membrane; Multi-pass membrane protein. Golgi apparatus membrane. Endosome, multivesicular body membrane

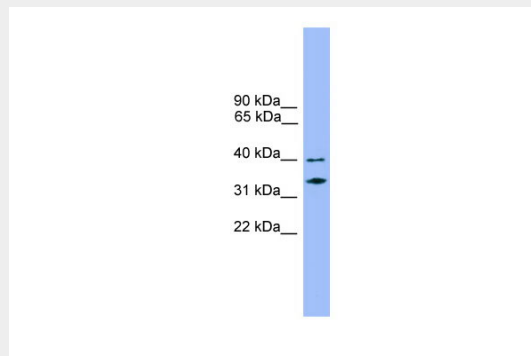
Tissue Location

Expressed in brain, lung, heart, skeletal muscle, kidney, liver and placenta.

NDFIP2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDFIP2 antibody - middle region - Images

WB Suggested Anti-NDFIP2 Antibody Titration: 0.2-1 µg/ml
Positive Control: 721_B cell lysate

NDFIP2 antibody - middle region - References

Cristillo A.D.,et al.J. Biol. Chem. 278:34587-34597(2003).
Matsuda A.,et al.Oncogene 22:3307-3318(2003).
Dunham A.,et al.Nature 428:522-528(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hirosawa M.,et al.DNA Res. 6:329-336(1999).