

NUB1 Polyclonal Antibody

Catalog number: 14343-1-AP

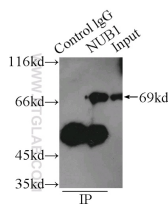
Size: 28 µg/150 µl

Source: Rabbit

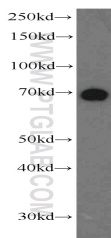
Isotype: IgG

Synonyms:

NUB1; BS4, NEDD8 ultimate buster 1, NUB1, NUB1L, NYREN18



IP Result of anti-NUB1 (IP:14343-1-AP, 3µg; Detection:14343-1-AP 1:600) with HEK-293 cells lysate 2500µg.



HeLa cells were subjected to SDS PAGE followed by western blot with 14343-1-AP(NUB1 antibody) at dilution of 1:600

Background

Proteasome-associated protein NEDD8 ultimate buster 1 (NUB1) is an interferon-inducible protein that down-regulates NEDD8 expression and its conjugation system. Over-expression of NUB1 induces a growth-inhibitory effect in cells, and it mediates anti-proliferative actions and apoptosis in renal cell carcinoma cells through cell-cycle regulation. Expression of NUB1 leads to decreased modification of p53 with NEDD8 and stimulation of p53 ubiquitination. Recent finding revealed that NUB1, by regulating GSK3β levels, modulates tau phosphorylation and aggregation, and is a key player in neurodegeneration associated with tau pathology.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NUB1 MW:	71kd
Observed NUB1 MW:	69 kDa
Positive WB detected in	HeLa cells, COLO 320 cells, HepG2 cells, K-562 cells, mouse kidney tissue, Raji cells
Positive IP detected in	HEK-293 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5668
GenBank accession number:	BC046354
Gene ID (NCBI):	51667
Full name:	Negative regulator of ubiquitin-like proteins 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.