

## Product datasheet for **AP06451PU-N**

### **NYREN18 (NUB1) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/1000. <b>Immunohistochemistry on paraffin sections:</b> 1/50-1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of NUB1 protein. (region surrounding Tyr601)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 70 kDa
Gene Name:	negative regulator of ubiquitin-like proteins 1
Database Link:	<a href="#">Entrez Gene 51667 Human Q9Y5A7</a>



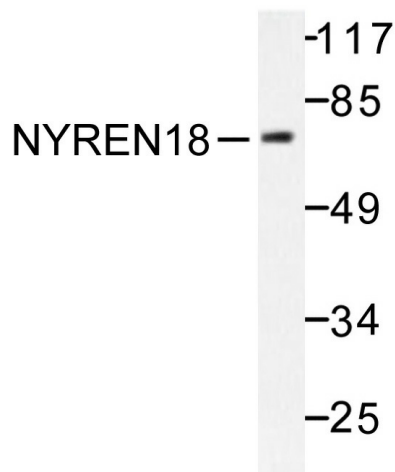
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**Background:**

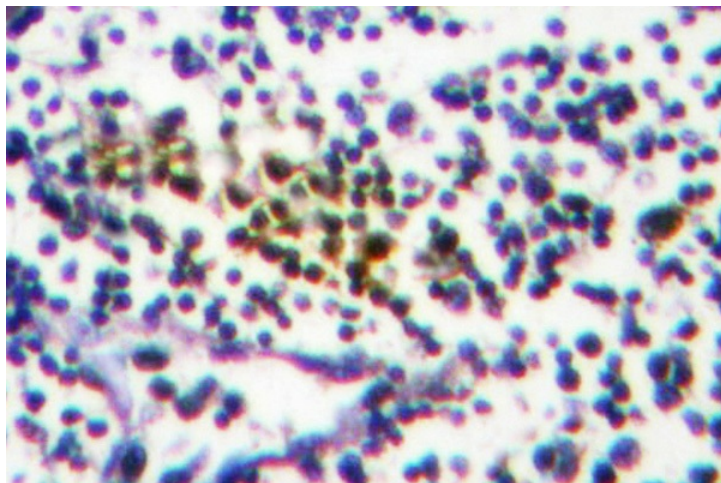
NUB1 is a ubiquitin-like protein that controls vital biological events through its conjugation to cullin proteins. NUB1 is a negative regulator of the NEDD8 system that recruits NEDD8 and its conjugates to the proteasome for degradation. It is, therefore a cell growth regulator. The UBA domain of NUB1 is the specific acceptor for the linear ubiquitin precursor. NUB1 is composed of 601 amino acids. It is an interferon-inducible protein and predominantly localizes in the nucleus. NUB1 is specifically expressed in adult human testis, ovary, heart, and skeletal muscle tissues.

**Synonyms:**

NYREN18, NEDD8 ultimate buster 1

**Product images:**


Western blot (WB) analysis of NUB1 antibody (Cat.-No.: AP06451PU-N) in extracts from COS7 cells.



Immunohistochemistry (IHC) analyzes of NUB1 antibody (Cat.-No.: AP06451PU-N) in paraffin-embedded human tonsil tissue.