

**NYREN18 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2510a****Specification**

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**NYREN18 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9Y5A7](#)**NYREN18 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51667**Other Names**

NEDD8 ultimate buster 1, Negative regulator of ubiquitin-like proteins 1, Renal carcinoma antigen NY-REN-18, NUB1, NYREN18

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2510a](/product/products/AP2510a) was selected from the N-term region of human NYREN18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NYREN18 Antibody (N-term) Blocking Peptide - Protein Information****Name** NUB1**Synonyms** NYREN18**Function**

Specific down-regulator of the NEDD8 conjugation system. Recruits NEDD8, UBD, and their conjugates to the proteasome for degradation. Isoform 1 promotes the degradation of NEDD8 more efficiently than isoform 2.

**Cellular Location**

Nucleus. Note=Predominantly nuclear

**Tissue Location**

Widely expressed with lowest expression in the pancreas for isoform 1 and in leukocytes, liver,

prostate and skeletal muscle for isoform 2

### **NYREN18 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **NYREN18 Antibody (N-term) Blocking Peptide - Images**

### **NYREN18 Antibody (N-term) Blocking Peptide - Background**

NYREN18 is a specific down-regulator of the NEDD8 conjugation system. It recruits NEDD8 and its conjugates to the proteasome for degradation. It also interacts with PSMD4/S5a, a member of the regulatory subunit of the 26S proteasome.

### **NYREN18 Antibody (N-term) Blocking Peptide - References**

Tanaka, T., et al., J. Biol. Chem. 278(35):32905-32913 (2003). Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Kito, K., et al., J. Biol. Chem. 276(23):20603-20609 (2001). Kamitani, T., et al., J. Biol. Chem. 276(49):46655-46660 (2001). Scanlan, M.J., et al., Int. J. Cancer 83(4):456-464 (1999).