

## **NYREN18 Antibody (C-term) Blocking Peptide**

Synthetic peptide  
Catalog # BP2510b

### **Specification**

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#### **NYREN18 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9Y5A7](#)

#### **NYREN18 Antibody (C-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 [AP2510b](/product/products/AP2510b) was selected from the C-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 (C-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 (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

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

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

Tanaka, T., et al., J. Biol. Chem. 278(35):32905-32913 (2003). Akey, D.T., et al., Hum. Mol. Genet. 11(22):2723-2733 (2002). Kito, K., et al., J. Biol. Chem. 276(23):20603-20609 (2001). Scanlan, M.J., et al., Int. J. Cancer 83(4):456-464 (1999).