

Rabbit NYREN18 Polyclonal Antibody | anti-NYREN18 antibody

NYREN18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320913	Rabbit	Human, Mouse, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NYREN18; Polyclonal Antibody; NYREN18 Antibody; BS4; NEDD8 ultimate buster 1; Negative regulator of ubiquitin like proteins 1; Negative regulator of ubiquitin-like proteins 1; NUB1; NUB1_HUMAN; NUB1L; NY REN 18; Renal carcinoma antigen NY-REN-18; anti-NYREN18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	NYREN18 antibody detects endogenous levels of total NYREN18
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	639
Applicable Applications for anti-NYREN18 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NYREN18
Subcellular Location	Nucleus. Predominantly Nuclear.
Tissue Specificity	Widely expressed with lowest expression in the pancreas for isoform 1 and in leukocytes, liver, prostate and skeletal muscle for isoform 2.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit, Dog
Similarity	Bovine (83%), Sheep (83%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using NYREN18 Antibody. Lane 1: 293 treated with blocking peptide. Lane 2: 293; Lane 3: Hepg2;



IF (Immunofluorescence)

AAA320913 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on COS7 cell lysate using NYREN18 Antibody, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA320913 at 1/100 staining human liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NYREN18 antibody

Description: NYREN18 Specific down-regulator of the NEDD8 conjugation system. Recruits NEDD8 and its conjugates to the proteasome for degradation. Isoform 1 promotes the degradation of NEDD8 more efficiently than isoform 2. Induced by beta and gamma interferons. Directly interacts with NEDD8 and PSMD4/S5a, a member of the regulatory subunit of the 26S proteasome.

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.

Subunit Structure: Directly interacts with NEDD8 and PSMD4/S5a, a member of the regulatory subunit of the 26S proteasome. Isoform 1 binds to NEDD8 more efficiently than isoform 2. Interacts with AIPL1. The interaction with UBD via UBA domains facilitates the linking of UBD-conjugated target protein to the proteasome complex and accelerates UBD degradation and that of its conjugates.

NCBI AND UNIPROT INFORMATION

NCBI GI #	343403794
NCBI GeneID	51667
NCBI Accession #	NP_001230280.1
NCBI GenBank Nucleotide #	NM_001243351.1
UniProt Accession #	Q9Y5A7; O95422; Q75MR9; Q8IX22; Q9BXR2
Molecular Weight	Observed: 70 kDa Predicted: 71 kDa
NCBI Official Full Name	NEDD8 ultimate buster 1 isoform 1
NCBI Official Synonym Full Names	negative regulator of ubiquitin like proteins 1
NCBI Official Symbol	NUB1
NCBI Official Synonym Symbols	BS4; NUB1L; NYREN18
NCBI Protein Information	NEDD8 ultimate buster 1
UniProt Protein Name	NEDD8 ultimate buster 1
UniProt Gene Name	NUB1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nyren18-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320913>