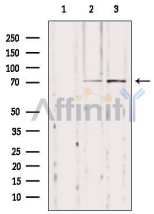
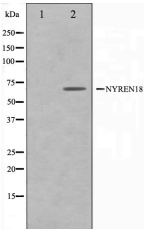
NYREN18 Ab

Cat.#: AF0272	Concn.: 1mg/ml	Mol.Wt.: 70kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

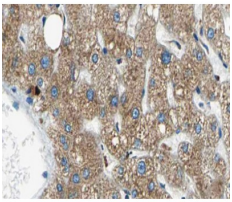
Application:	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Monkey
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	NYREN18 Ab detects endogenous levels of total NYREN18.
Immunogen:	A synthesized peptide derived from human NYREN18.
Uniprot:	Q9Y5A7
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.
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.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



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



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



AF0272 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

AF0272 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°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.