

## NYREN18 Antibody

Catalog No: #33514

Package Size: #33514-1 50ul #33514-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

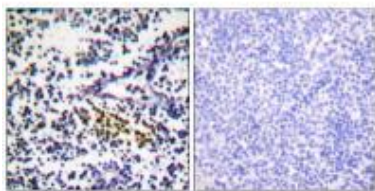
Product Name	NYREN18 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NYREN18 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human NYREN18.
Target Name	NYREN18
Other Names	NEDD8 ultimate buster-1; NUB1; NY-REN-18 antigen;
Accession No.	Swiss-Prot: Q9Y5A7NCBI Gene ID: 51667
Uniprot	Q9Y5A7
GeneID	51667;
SDS-PAGE MW	70kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

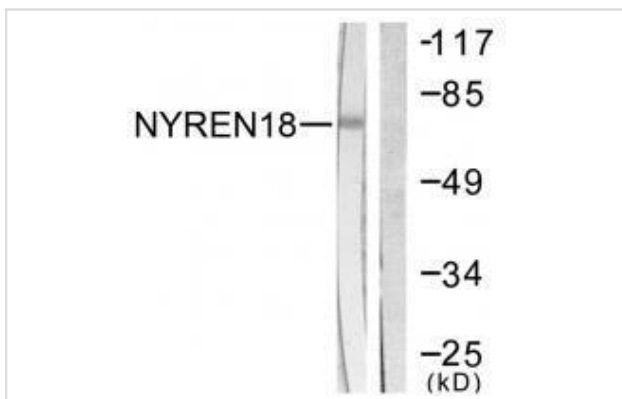
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

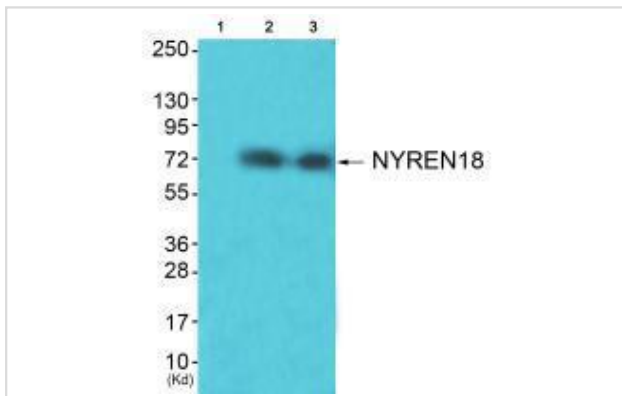
## Images



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using NYREN18 antibody #33514.



Western blot analysis of extracts from COS7 cells, using NYREN18 antibody #33514.



Western blot analysis of extracts from HuvEc cells (Lane 2) and JK cells (Lane 3), using NYREN18 antibody #33514. The lane on the left is treated with synthesized peptide.

## Background

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.

Sarah M. Mense, *Toxicol. Sci.*, Sep 2006; 93: 125 - 135.

Gunter Schmidtke, *J. Biol. Chem.*, Jul 2006; 281: 20045 - 20054.s

Kunikazu Tanji, *Am. J. Pathol.*, Aug 2006; 169: 553 - 565.

Miguel Ramalho-Santos, *Science*, Oct 2002; 298: 597.

Note: This product is for in vitro research use only