

NLN Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19932c**Specification**

NLN Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BYT8
Other Accession	NP_065777.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80652
Antigen Region	212-240

NLN Antibody (Center) - Additional Information**Gene ID** 57486**Other Names**

Neurolysin, mitochondrial, Angiotensin-binding protein, Microsomal endopeptidase, MEP, Mitochondrial oligopeptidase M, Neurotensin endopeptidase, NLN, AGTBP, KIAA1226

Target/Specificity

This NLN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-240 amino acids from the Central region of human NLN.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NLN Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NLN Antibody (Center) - Protein Information**Name** NLN

Synonyms AGTBP, KIAA1226

Function Hydrolyzes oligopeptides such as neurotensin, bradykinin and dynorphin A (By similarity). Acts as a regulator of cannabinoid signaling pathway by mediating degradation of hemopressin, an antagonist peptide of the cannabinoid receptor CNR1 (By similarity).

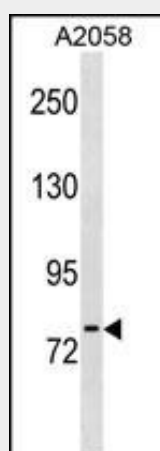
Cellular Location

Mitochondrion intermembrane space {ECO:0000250|UniProtKB:P42676}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:P42676}

NLN Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NLN Antibody (Center) - Images

NLN Antibody (Center) (Cat. #AP19932c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the NLN antibody detected the NLN protein (arrow).

NLN Antibody (Center) - Background

This gene encodes a member of the metallopeptidase M3 protein family that cleaves neurotensin at the Pro10-Tyr11 bond, leading to the formation of neurotensin(1-10) and neurotensin(11-13). The encoded protein is likely involved in the termination of the neurotensinergic signal in the central nervous system and in the gastrointestinal tract.

NLN Antibody (Center) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :

Lim, E.J., et al. J. Biol. Chem. 282(13):9722-9732(2007)
Norman, M.U., et al. Am. J. Physiol. Heart Circ. Physiol. 284 (6), H1978-H1984 (2003) :
Norman, M.U., et al. Am. J. Physiol. Heart Circ. Physiol. 284 (6), H1978-H1984 (2003) :
Garrido, P.A., et al. DNA Cell Biol. 18(4):323-331(1999)