

NAA40 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13800**Specification**

NAA40 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q86UY6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

NAA40 Antibody (C-Terminus) - Additional Information**Gene ID** 79829**Other Names**

N-alpha-acetyltransferase 40, 2.3.1.-, N-acetyltransferase 11, NatD catalytic subunit, NAA40, NAT11

Target/Specificity

Human NAT11

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NAA40 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NAA40 Antibody (C-Terminus) - Protein Information**Name** NAA40 {ECO:0000303|PubMed:19660095, ECO:0000312|HGNC:HGNC:25845}**Function**

N-alpha-acetyltransferase that specifically mediates the acetylation of the N-terminal residues of histones H4 and H2A (PubMed:21935442, PubMed:25619998). In contrast to other N-alpha- acetyltransferase, has a very specific selectivity for histones H4 and H2A N-terminus and specifically recognizes the 'Ser-Gly-Arg-Gly sequence' (PubMed:21935442, PubMed:25619998). Acts as a negative regulator of apoptosis (PubMed:26666750). May play a role in hepatic lipid metabolism (By similarity).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

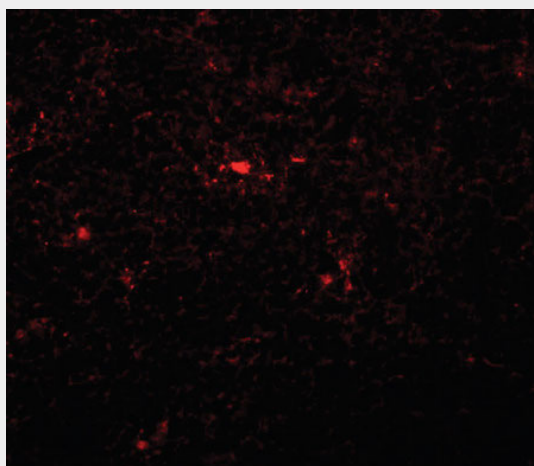
Widely expressed; with the highest expression level in liver and the lowest expression in brain (at protein level)

NAA40 Antibody (C-Terminus) - Protocols

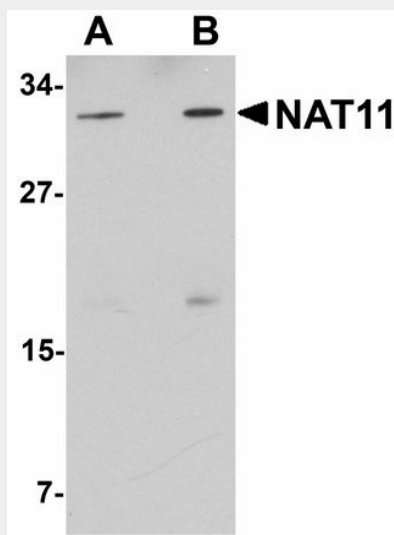
Provided below are standard protocols that you may find useful for product applications.

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

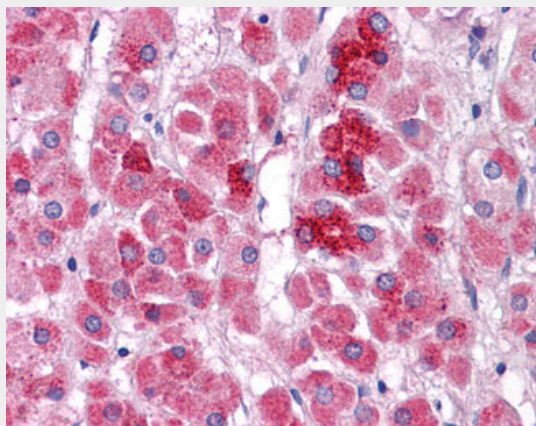
NAA40 Antibody (C-Terminus) - Images



Immunofluorescence of NAT11 in mouse thymus tissue with NAT11 antibody at 20 ug/ml.



Western blot of NAT11 in human thymus tissue lysate with NAT11 antibody at (A) 1 and (B) 2 ug/ml.



Anti-NAA40 / NAT11 antibody IHC of human adrenal.

NAA40 Antibody (C-Terminus) - Background

Responsible for the acetylation of the N-terminal residues of histones H4 and H2A.

NAA40 Antibody (C-Terminus) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Taylor T.D., et al. Nature 440:497-500(2006).
Polevoda B., et al. BMC Proc. 3:S2-S2(2009).
Hole K., et al. PLoS ONE 6:E24713-E24713(2011).