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# 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:<a href="http://www.uniprot.org/citations/21935442" target="_blank">21935442</a>, PubMed:<a href="http://www.uniprot.org/citations/25619998" target="_blank">25619998</a>). 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:<a href="http://www.uniprot.org/citations/21935442" target="_blank">21935442</a>, PubMed:<a href="http://www.uniprot.org/citations/25619998" target="_blank">25619998</a>). Acts as a negative regulator of apoptosis (PubMed:<a href="http://www.uniprot.org/citations/26666750" target="_blank">26666750</a>). May play a role in hepatic lipid metabolism (By similarity).

**Cellular Location**

Cytoplasm. Nucleus

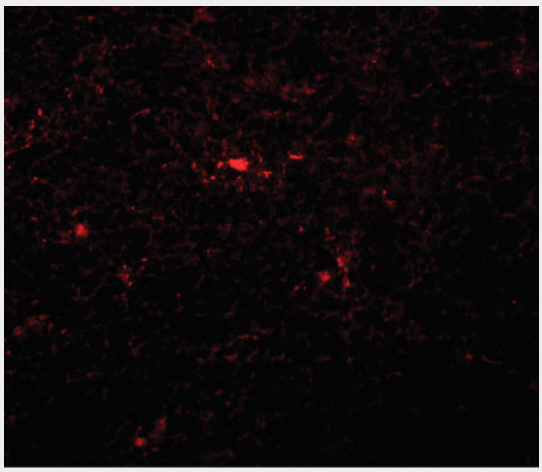
**Tissue Location**
Widely expressed; with the highest expression level in liver and the lowest expression in brain (at protein level)

## NAA40 Antibody (C-Terminus) - Protocols

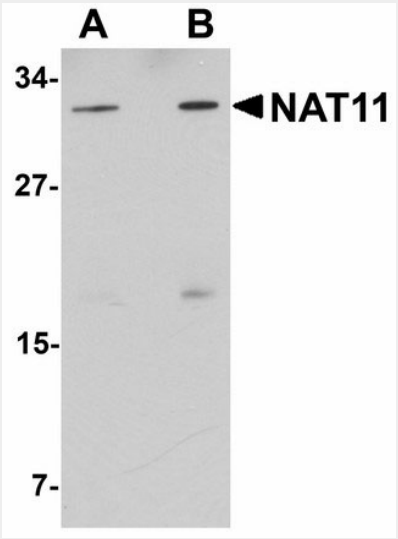
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## NAA40 Antibody (C-Terminus) - Images

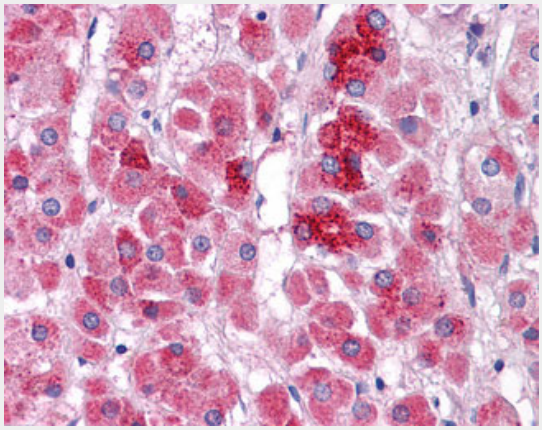


Immunofluorescence of NAT11 in mouse thymus tissue with NAT11 antibody at 20 ug/ml.



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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).