

NAA40 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22107b

Specification

NAA40 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q86UY6
Other Accession	Q8VE10
Reactivity	Human, Mouse
Predicted	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	27194

NAA40 Antibody (C-Term) - Additional Information

Gene ID 79829

Other Names

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

Target/Specificity

This NAA40 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 179-222 amino acids from the human region of human NAA40.

Dilution

WB~~1:2000

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

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

NAA40 Antibody (C-Term) - 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

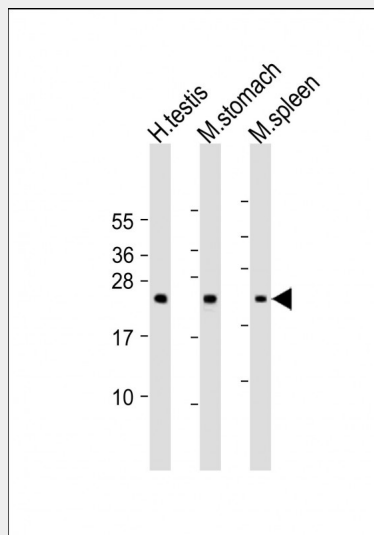
Widely expressed; with the highest expression level in liver and the lowest expression in brain (at protein level)

NAA40 Antibody (C-Term) - 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-Term) - Images



All lanes : Anti-NAA40 Antibody (C-Term) at 1:2000 dilution Lane 1: human testis lysate Lane 2: mouse stomach lysate Lane 3: mouse spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

NAA40 Antibody (C-Term) - Background

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

NAA40 Antibody (C-Term) - 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).