

NAA40 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22107b

Product Information

Application	WB, E
Primary Accession	Q86UY6
Other Accession	Q8VE10
Reactivity	Human, Mouse
Predicted	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55103
Calculated MW	27194

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

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)

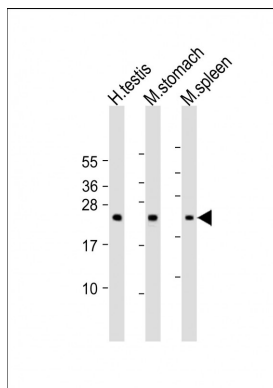
Background

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

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).

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% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.