

For Research Use Only

NAA40 Polyclonal antibody, PBS Only

Catalog Number:16698-1-PBS



Basic Information

Catalog Number:

16698-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10092

GenBank Accession Number:

BC052298

GeneID (NCBI):

79829

UNIPROT ID:

Q86UY6

Full Name:

N-acetyltransferase 11 (GCN5-related, putative)

Calculated MW:

237 aa, 27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

N-alpha-acetyltransferase 40 (NAA40, also known as NatD, Nat4, or Patt1) is a highly specific epigenetic enzyme catalyzing the transfer of an acetyl moiety at the N-terminal end of histones H4 and H2A (PMID: 26666750). NAA40 is significantly upregulated in primary CRC tissues and promotes CRC cell growth both in vitro and in xenograft tumor models (PMID: 30858358). Western blot analysis detected NAA40 at an apparent molecular mass of 27 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

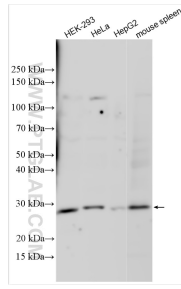
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

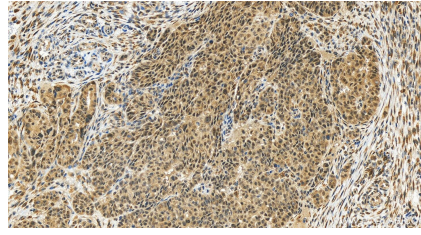
E: proteintech@ptglab.com
W: ptglab.com

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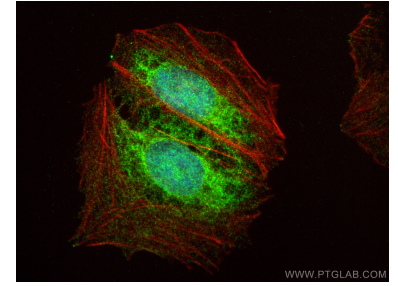
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16698-1-AP (NAT11 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16698-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 16698-1-AP (NAA40 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16698-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using NAA40 antibody (16698-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 16698-1-PBS in a different storage buffer formulation.