

For Research Use Only

NAA40 Polyclonal antibody

Catalog Number: 16698-1-AP



Basic Information

Catalog Number:

16698-1-AP

Size:

450 µg/ml

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

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, mouse spleen tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

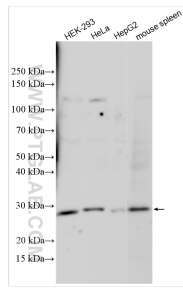
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Selected Validation Data



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.