

For Research Use Only

NACA Polyclonal antibody, PBS Only

Catalog Number:32235-1-PBS



Basic Information

Catalog Number:

32235-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37704

GenBank Accession Number:

BC106041

GeneID (NCBI):

4666

UNIPROT ID:

Q13765

Full Name:

nascent polypeptide-associated complex alpha subunit

Calculated MW:

215 aa, 23 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

NACA (NAC-alpha), or Nascent polypeptide-associated complex subunit alpha, is a component of the nascent polypeptide-associated complex (NAC). NACA is a key subunit of the NAC complex that assists in the proper folding of newly synthesized proteins and prevents the formation of harmful protein aggregates, playing a vital role in cellular protein quality control and stress response mechanisms. The calculated MW of NACA is 23 kDa, and the observed MW is 35 kDa, which is due to phosphorylation modification (PMID: 30948508, 36107769).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

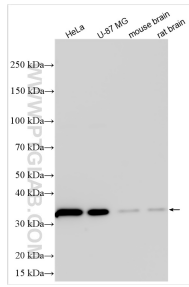
T: 4006900926

E: Proteintech-CN@ptglab.com

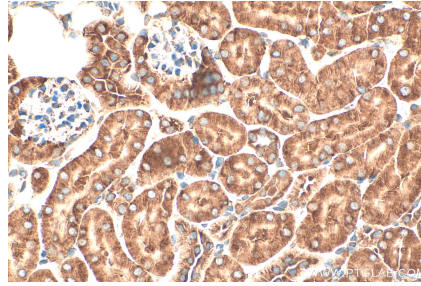
W: ptgcn.com

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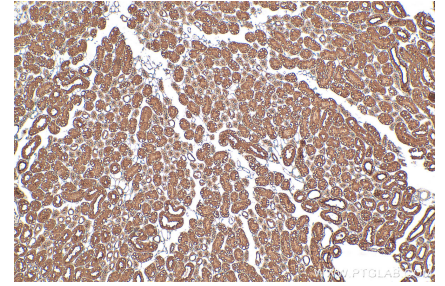
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 32235-1-AP (NACA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32235-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32235-1-AP (NACA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32235-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32235-1-AP (NACA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32235-1-PBS in a different storage buffer formulation.