

For Research Use Only

# NAXE Polyclonal antibody

Catalog Number: 32022-1-AP



## Basic Information

Catalog Number:

32022-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35306

GenBank Accession Number:

NM\_144772.2

GeneID (NCBI):

128240

UNIPROT ID:

Q8NCW5

Full Name:

apolipoprotein A-I binding protein

Calculated MW:

32 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, L02 cells, MCF-7 cells, NIH/3T3 cells,  
mouse liver tissue, rat kidney tissue

IF/ICC : A549 cells,

## Background Information

NAD(P)H-hydrate epimerase (NAXE, also known as AIBP, YJEFN1, and APOA1BP) catalyzes the interconversion between the S- and R-forms of NAD(P)HX, and essentially supplies the substrate for the stereospecific enzyme NAD(P)HX dehydratase (NAXD) (PMID: 35866541). NAXE variants can cause neurometabolic disorder by disrupting the cellular NAD(P)HX repair system (PMID: 31745726; 27616477).

## 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:

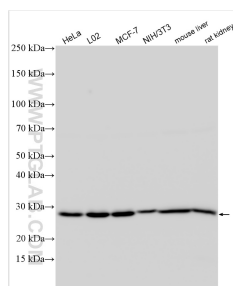
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

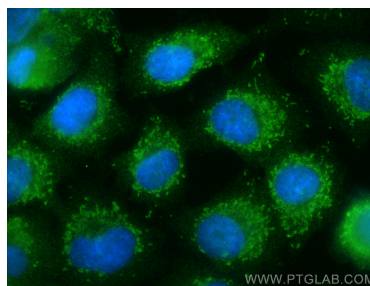
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32022-1-AP (NAXE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using NAXE antibody (32022-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).