

For Research Use Only

NAXE Polyclonal antibody

Catalog Number: 32022-1-AP



Basic Information

Catalog Number: 32022-1-AP	GenBank Accession Number: NM_144772.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 128240	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q8NCW5	
Isotype: IgG	Full Name: apolipoprotein A-I binding protein	
Immunogen Catalog Number: AG35306	Calculated MW: 32 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

*** 20ul sizes contain 0.1% BSA

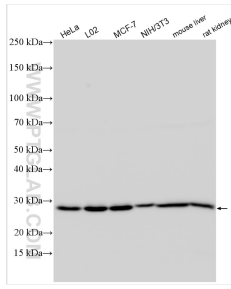
For technical support and original validation data for this product please contact:

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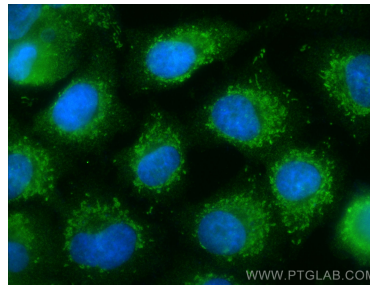
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Selected Validation Data



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).