

For Research Use Only

NANP Polyclonal antibody

Catalog Number: 12519-1-AP



Basic Information

Catalog Number: 12519-1-AP	GenBank Accession Number: BC022552	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop;	GeneID (NCBI): 140838	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q8TBE9	IHC 1:200-1:800
Isotype: IgG	Full Name: N-acetylneuraminic acid phosphatase	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG3212	Calculated MW: 248 aa, 28 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : K-562 cells, Neuro-2a cells, mouse brain tissue

IHC : human ovary cancer tissue,

IF/ICC : A431 cells,

Background Information

NANP, also known as HDHD4, C20orf147, is a member of the haloacid dehalogenase family of proteins. NANP enables N-acetylneuraminate-9-phosphatase activity and is involved in N-acetylneuraminate biosynthetic process.

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

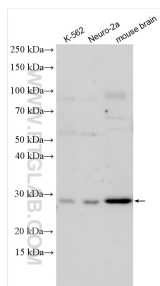
For technical support and original validation data for this product please contact:

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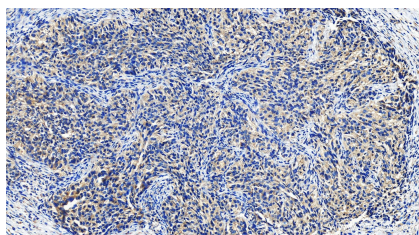
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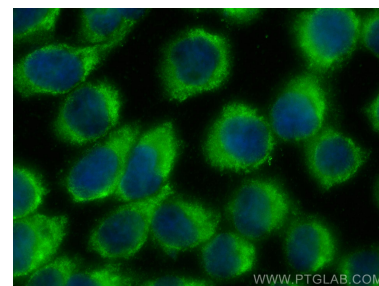
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12519-1-AP (NANP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 12519-1-AP (NANP antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using NANP antibody (12519-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).