

# NANP antibody - middle region

Rabbit Polyclonal Antibody  
Catalog # AI13507

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8TBE9</a>
<b>Other Accession</b>	<a href="#">NM_152667</a> , <a href="#">NP_689880</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Guinea Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	27813

## Additional Information

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<b>Gene ID</b>	140838
<b>Alias Symbol</b>	C20orf147, HDHD4, MGC26833, dj694B14.3
<b>Other Names</b>	N-acylneuraminate-9-phosphatase, 3.1.3.29, Haloacid dehalogenase-like hydrolase domain-containing protein 4, Neu5Ac-9-Pase, NANP, C20orf147, HDHD4
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-NANP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	NANP antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NANP ( <a href="#">HGNC:16140</a> )
<b>Synonyms</b>	C20orf147, HDHD4
<b>Function</b>	Catalyzes the dephosphorylation of N-acylneuraminate 9- phosphate (Neu5Ac-9-P) to N-acetylneuraminic acid (Neu5Ac or sialic acid) (PubMed: <a href="#">14235556</a> , PubMed: <a href="#">16237198</a> , PubMed: <a href="#">23747226</a> ). Can also use N-glycoloylneuraminate 9-phosphate as substrate (PubMed: <a href="#">14235556</a> ).

## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

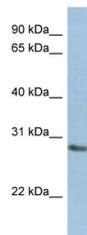
Deloukas P.,et al.Nature 414:865-871(2001).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Maliekal P.,et al.Glycobiology 16:165-172(2006).

## Images

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WB Suggested Anti-NANP Antibody Titration: 0.2-1  $\mu\text{g/ml}$

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.