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NANP antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13507

Product Information

Application	WB
Primary Accession	Q8TBE9
Other Accession	NM_152667, NP_689880
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27813

Additional Information

Gene ID	140838
Alias Symbol	C20orf147, HDHD4, MGC26833, dJ694B14.3
Other Names	N-acylneuraminate-9-phosphatase, 3.1.3.29, Haloacid dehalogenase-like hydrolase domain-containing protein 4, Neu5Ac-9-Pase, NANP, C20orf147, HDHD4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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.
Precautions	NANP antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

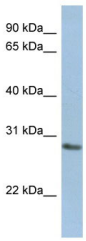
Protein Information

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

References

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



WB Suggested Anti-NANP Antibody Titration: 0.2-1 µg/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'.