

# NAGPA Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12767

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9UK23</a>
<b>Other Accession</b>	<a href="#">NM_016256</a> , <a href="#">NP_057340</a>
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	56073

## Additional Information

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<b>Gene ID</b>	51172
<b>Alias Symbol</b>	APAA, UCE
<b>Other Names</b>	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase, 3.1.4.45, Mannose 6-phosphate-uncovering enzyme, Phosphodiester alpha-GlcNAcase, NAGPA
<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-NAGPA 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>	NAGPA Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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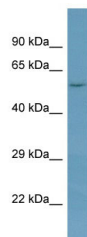
<b>Name</b>	NAGPA
<b>Function</b>	Catalyzes the second step in the formation of the mannose 6- phosphate targeting signal on lysosomal enzyme oligosaccharides by removing GlcNAc residues from GlcNAc-alpha-P-mannose moieties, which are formed in the first step. Also hydrolyzes UDP-GlcNAc, a sugar donor for Golgi N-acetylglucosaminyltransferases.
<b>Cellular Location</b>	Golgi apparatus, Golgi stack membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network. Note=Cis/medial Golgi

## Tissue Location

Isoform 2 may be brain-specific.

## Images

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Host: Rabbit

Target Name: NAGPA

Sample Tissue: OVCAR-3 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

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