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NAGPA Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12767

Product Information

Application	WB
Primary Accession	Q9UK23
Other Accession	NM_016256, NP_057340
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56073

Additional Information

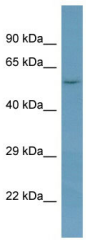
Gene ID	51172
Alias Symbol	APAA, UCE
Other Names	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase, 3.1.4.45, Mannose 6-phosphate-uncovering enzyme, Phosphodiester alpha-GlcNAcase, NAGPA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-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.
Precautions	NAGPA Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NAGPA
Function	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.
Cellular Location	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



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'.