

Rabbit anti-Human NAGPA Polyclonal Antibody | anti-NAGPA antibody

NAGPA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234968	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

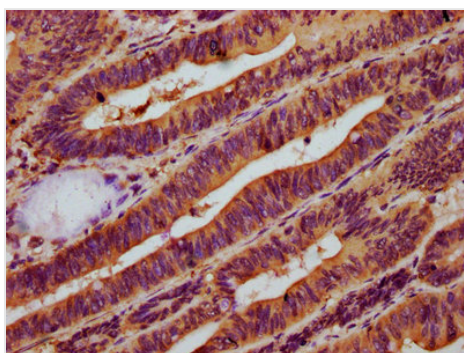
PRODUCT SYNONYMS

NAGPA; Polyclonal Antibody; NAGPA Antibody; N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase; Mannose 6-phosphate-uncovering enzyme; Phosphodiester alpha-GlcNAcase; anti-NAGPA antibody

PRODUCT SPECIFICATIONS

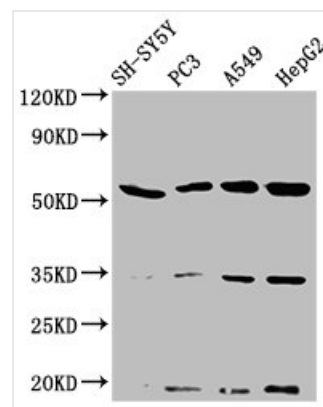
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	515
Applicable Applications for anti-NAGPA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase protein (327-438AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234968 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: SH-SY5Y whole cell lysate, PC3 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysateAll lanes: NAGPA antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 57, 53, 34 KDaObserved band size: 57 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NAGPA antibody	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.
Product Categories/Family for anti-NAGPA antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346700
NCBI GeneID	51172
NCBI Accession #	NP_057340.2
NCBI GenBank Nucleotide #	NM_016256.3
UniProt Accession #	Q9UK23; Q96EJ8; B2RAS1
Molecular Weight	33,577 Da
NCBI Official Full Name	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
NCBI Official Synonym Full Names	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
NCBI Official Symbol	NAGPA
NCBI Official Synonym Symbols	UCE; APAA
NCBI Protein Information	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
UniProt Protein Name	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
UniProt Gene Name	NAGPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nagpa-antibody-immunohistochemistry-western-blot-elisa/234968>