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

NAGPA Antibody

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

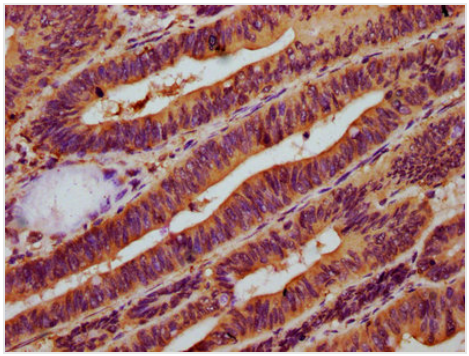
PRODUCT SYNONYMS

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

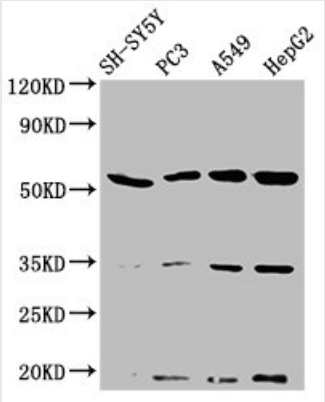
PRODUCT SPECIFICATIONS

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 (Immunohiostchemistry)
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://www.aaabiotech.com/polyclonal/nagpa-antibody-immunohistochemistry-western-blot-elisa/234968