

Datasheet for ABIN7160684
anti-NAGPA antibody (AA 327-438)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	NAGPA
Binding Specificity:	AA 327-438
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGPA antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase protein (327-438AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NAGPA
Alternative Name:	NAGPA (NAGPA Products)
Background:	Background: Catalyzes the second step in the formation of the mannose 6-phosphate targeting

Target Details

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.

Aliases: Mannose 6-phosphate-uncovering enzyme antibody, N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase antibody, NAGPA antibody, NAGPA_HUMAN antibody, Phosphodiester alpha-GlcNAcase antibody

UniProt: [Q9UK23](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

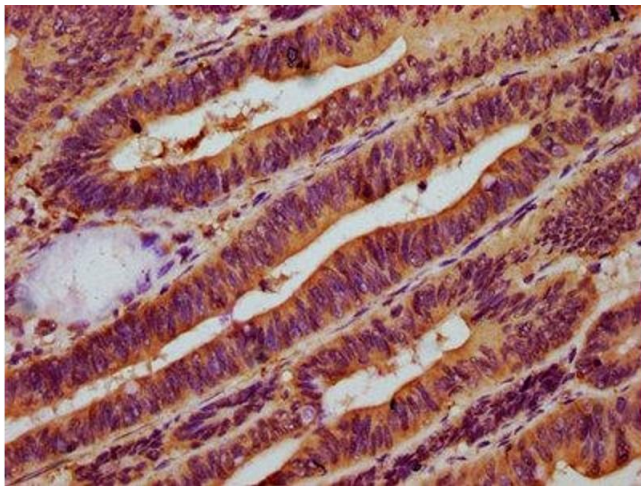
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

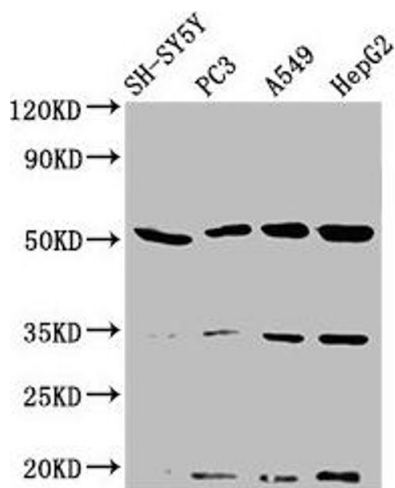
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7160684 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, PC-3 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate All lanes: NAGPA antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 57, 53, 34 kDa Observed band size: 53 kDa