

Datasheet for ABIN654679
anti-GPAA1 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	GPAA1
Binding Specificity:	AA 46-73, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPAA1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GPAA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-73 amino acids from the N-terminal region of human GPAA1.
Clone:	RB23990
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GPAA1
Alternative Name:	GPAA1 (GPAA1 Products)

Target Details

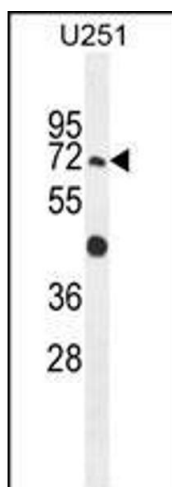
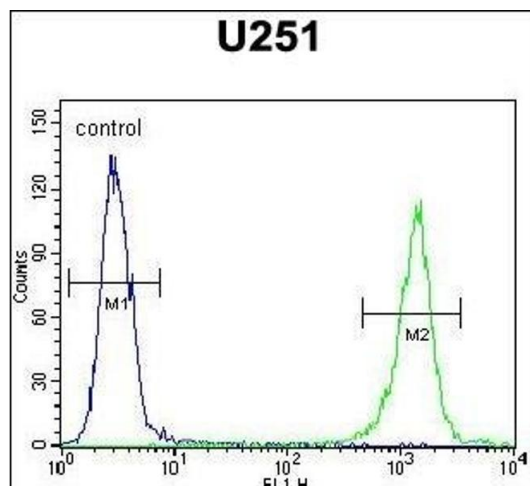
Background:	Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. The protein encoded by this gene presumably functions in GPI anchoring at the GPI transfer step. The mRNA transcript is ubiquitously expressed in both fetal and adult tissues. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains.
Molecular Weight:	67623
Gene ID:	8733
NCBI Accession:	NP_003792
UniProt:	O43292
Pathways:	Inositol Metabolic Process , Maintenance of Protein Location , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. GA1 Antibody (N-term) (ABIN654679 and ABIN2844373) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. GA1 Antibody (N-term) (ABIN654679 and ABIN2844373) western blot analysis in cell line lysates (35 μ g/lane). This demonstrates the GA1 antibody detected the GA1 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. GA1 antibody (N-term) (ABIN654679 and ABIN2844373) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GA1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.