

ART1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2311c

Product Information

Application	WB, E
Primary Accession	P52961
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB5097
Calculated MW	36335
Antigen Region	210-240

Additional Information

Gene ID	417
Other Names	GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1, ADP-ribosyltransferase C2 and C3 toxin-like 1, ARTC1, Mono(ADP-ribosyl)transferase 1, CD296, ART1
Target/Specificity	This ART1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-240 amino acids from the Central region of human ART1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ART1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ART1
Function	Has ADP-ribosyltransferase activity toward GLP1R.

Background

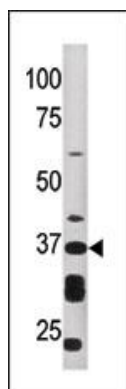
ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins.

Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of *E. coli*. The amino acid sequence of ART1 consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins.

References

Koch-Nolte, F., et al., Genomics 39(3):370-376 (1997). Koch-Nolte, F., et al., Genomics 36(1):215-216 (1996). Okazaki, I.J., et al., Biochemistry 33(43):12828-12836 (1994).

Images



Western blot analysis of anti-ART1 Pab (Cat. #AP2311c) in HepG2 cell line lysate (35ug/lane). ART1(arrow) was detected using the purified Pab.

Citations

- [Tubb3 regulation by the Erk and Akt signaling pathways: a mechanism involved in the effect of arginine ADP-ribosyltransferase 1 \(Art1\) on apoptosis of colon carcinoma CT26 cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.