

ART3 Antibody (C-term)

Catalog_no :	AB2064
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:280-310
Specificity :	This ART3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-310 amino acids from the C-terminal region of human ART3.
Dilution :	WB,1:4000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Ecto-ADP-ribosyltransferase 3, ADP-ribosyltransferase C2 and C3 toxin-like 3, ARTC3, Mono(ADP-ribosyl)transferase 3, NAD(P)(+)-arginine ADP-ribosyltransferase 3, ART3, TMART
Isotype :	Rabbit Ig
Background :	Mono-ADP-ribosylation involves the transfer of the ADP-ribose moiety from NAD ⁺ to a specific amino acid in the target protein. The rodent mono-ADP-ribosyltransferase RT6 is a glycosylphosphatidylinositol (GPI)-anchored membrane protein specifically expressed at the cell surface of rat and mouse T lymphocytes. The predicted 367-amino acid human ART3 protein has an estimated molecular mass of 41.5 kD and contains a hydrophobic peptide signal at its N terminus, 3 consensus motifs specific to enzymes catalyzing ADP-ribose transfer, a hydrophobic C-terminal sequence characteristic of a GPI-anchored protein, a novel motif repeated 3 times at its C terminus, and 1 potential glycosylation site. ¹ The ART3 and rodent RT6 proteins share 35% amino acid identity.
reference :	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Koch-Nolte, F., et al., Genomics 39(3):370-376 (1997). Levy, I., et al., FEBS Lett. 382(3):276-280 (1996).