

ART3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14565b

Specification

ART3 Antibody (C-term) - Product Information

| | |
|-------------------|--|
| Application | WB,E |
| Primary Accession | Q13508 |
| Other Accession | NP_001123488.1 , NP_001170.2 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 43923 |
| Antigen Region | 315-343 |

ART3 Antibody (C-term) - Additional Information

Gene ID 419

Other Names

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

Target/Specificity

This ART3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-343 amino acids from the C-terminal region of human ART3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

ART3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ART3 Antibody (C-term) - Protein Information

Name ART3

Synonyms TMART

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor.

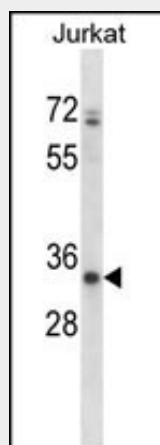
Tissue Location

Testis specific.

ART3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ART3 Antibody (C-term) - Images

ART3 Antibody (C-term) (Cat. #AP14565b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the ART3 antibody detected the ART3 protein (arrow).

ART3 Antibody (C-term) - Background

ADP-ribosylation is a reversible posttranslational modification used to regulate protein function. ADP-ribosyltransferases, such as ART3, transfer ADP-ribose from NAD⁺ to the target protein, and ADP-ribosylhydrolases (see PARG; MIM 603501) reverse the reaction (Glowacki et al., 2002 [PubMed 12070318]).

ART3 Antibody (C-term) - References

Bailey, S.D., et al. *Diabetes Care* 33(10):2250-2253(2010)
Rose, J.E., et al. *Mol. Med.* 16 (7-8), 247-253 (2010) :
Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)
Talmud, P.J., et al. *Am. J. Hum. Genet.* 85(5):628-642(2009)
Okada, H., et al. *PLoS Genet.* 4 (2), E26 (2008) :