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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.

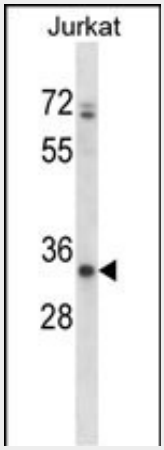
Tissue Location
Testis specific.

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 Cytomety
- 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) :