

# ART3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14565b

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q13508</a>
Other Accession	<a href="#">NP_001123488.1</a> , <a href="#">NP_001170.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34529
Calculated MW	43923
Antigen Region	315-343

## Additional Information

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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 E~~Use at an assay dependent concentration.
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.

## Protein Information

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Name	ART3
Synonyms	TMART

**Cellular Location** Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location** Testis specific.

## Background

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

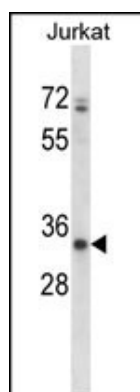
## References

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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) :

## Images

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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).

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