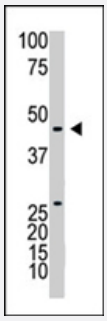
ART3 polyclonal antibody

Catalog # PAB4274 Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of ART3 polyclonal antibody (Cat # PAB4274) in HL-60 cell line lysates (25 ug/lane). ART3 (arrow) was detected using the purified ART3 polyclonal antibody (Cat # PAB4274) (4 ug/mL).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ART3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human ART3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ART3

Entrez GeneID	419
Protein Accession#	Q13508;NP_001170
Gene Name	ART3
Gene Alias	FLJ26404
Gene Description	ADP-ribosyltransferase 3
Omim ID	603086
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM
Other Designations	mono-ADP-ribosyltransferase

Publication Reference

- Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.

  Strausberg RL, Feingold EA, Grouse LH, Derge JG, Klausner RD, Collins FS, Wagner L, Shenmen CM, Schuler GD, Altschul SF, Zeeberg B, Buetow KH, Schaefer CF, Bhat NK, Hopkins RF, Jordan H, Moore T, Max SI, Wang J, Hsieh F, Diatchenko L, Marusina K, Farmer AA, Rubin GM, Hong L, Stapleton M, Soares MB, Bonaldo MF, Casavant TL, Scheetz TE, Brownstein MJ, Usdin TB, Toshiyuki S, Carninci P, Prange C, Raha SS, Loquellano NA, Peters GJ, Abramson RD, Mullahy SJ, Bosak SA, McEwan PJ, McKernan KJ, Malek JA,

  PNAS 2002 Dec; 99(26):16899.

- Two novel human members of an emerging mammalian gene family related to mono-ADP-ribosylating bacterial toxins.

  Koch-Nolte F, Haag F, Braren R, Kuhl M, Hoovers J, Balasubramanian S, Bazan F, Thiele HG.

  Genomics 1997 Feb; 39(3):370.

- Human testis specifically expresses a homologue of the rodent T lymphocytes RT6 mRNA.

  Levy I, Wu YQ, Roeckel N, Bulle F, Pawlak A, Siegrist S, Mattei MG, Guellaen G.

  FEBS Letters 1996 Mar; 382(3):276.

  Application: WB-Ce, WB-Tr, Human, Mammalian cells

Disease

- Azoospermia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Tobacco Use Disorder