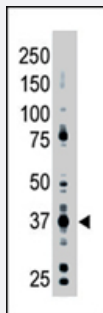


ART1 polyclonal antibody

Catalog # PAB4271 Size 400 uL

Applications



Western Blot (Tissue lysate)

The ART1 polyclonal antibody (Cat # PAB4271) is used in Western blot to detect ART1 in mouse brain tissue lysate .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ART1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human ART1.
Host	Rabbit
Reactivity	Human, Mouse
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 should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The ART1 polyclonal antibody (Cat # PAB4271) is used in Western blot to detect ART1 in mouse brain tissue lysate .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ART1

Entrez GeneID	417
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Protein Accession#	NAR1_HUMAN
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Gene Name	ART1
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Gene Alias	ART2, CD296, MGC133217, RT6
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Gene Description	ADP-ribosyltransferase 1
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Omim ID	601625
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Gene Ontology	Hyperlink
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Gene Summary	ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of E. coli. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins. This gene was previously designated ART2. [provided by RefSeq]
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Other Designations	ADP-ribosyltransferase 2 OTTHUMP00000013621
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Publication Reference

- [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.

- [Assignment of the human and mouse genes for muscle ecto mono \(ADPribose\)yltransferase to a conserved linkage group on human chromosome 11p15 and mouse chromosome 7.](#)

Koch-Nolte F, Kuhl M, Haag F, Cetkovic-Cvrlje M, Leiter EH, Thiele HG.

Genomics 1996 Aug; 36(1):215.

- [Immunological and structural conservation of mammalian skeletal muscle glycosylphosphatidylinositol-linked ADP-ribosyltransferases.](#)

Okazaki IJ, Zolkiewska A, Nightingale MS, Moss J.

Biochemistry 1994 Nov; 33(43):12828.

Application: WB-Ti, Bovine, Dog, Human, Rabbit, Heart muscles, Recombinant proteins, Skeletal muscles