

Product Name: CD296 Rabbit Polyclonal Antibody
Catalog #: APRab08328



Summary

Production Name	CD296 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ART1
Alternative Names	ART1; GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1; ADP-ribosyltransferase C2 and C3 toxin-like 1; ARTC1; Mono(ADP-ribosyl)transferase 1; CD296
Gene ID	417.0
SwissProt ID	P52961.The antiserum was produced against synthesized peptide derived from the Internal region of human ART1. AA range:51-100

Application

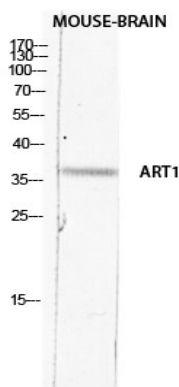
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	37kD

Background

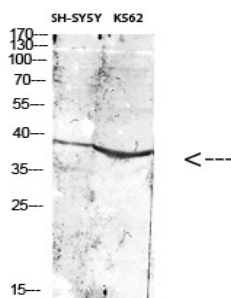
ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of *E. coli*. The amino acid 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, Jul 2008], catalytic activity: NAD(+) + protein-L-arginine = nicotinamide + N(omega)-(ADP-D-ribosyl)-protein-L-arginine., catalytic activity: NADP(+) + protein-L-arginine = nicotinamide + N(omega)-((2'-phospho-ADP)-D-ribosyl)-protein-L-arginine., similarity: Belongs to the Arg-specific ADP-ribosyltransferase family.,

Research Area

Image Data



Western blot analysis of MOUSE-BRAIN lysis using ART1 antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

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Note

For research use only.