



CD296 Polyclonal Antibody

Catalog No	YP-Ab-14097
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ART1
Protein Name	GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human ART1. AA range:51-100
Specificity	CD296 Polyclonal Antibody detects endogenous levels of CD296 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ART1; GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1; ADP-ribosyltransferase C2 and C3 toxin-like 1; ARTC1; Mono(ADP-ribosyl)transferase 1; CD296
Observed Band	37kD
Cell Pathway	Sarcoplasmic reticulum membrane; Lipid-anchor, GPI-anchor.
Tissue Specificity	Skeletal muscle,
Function	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.,
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],



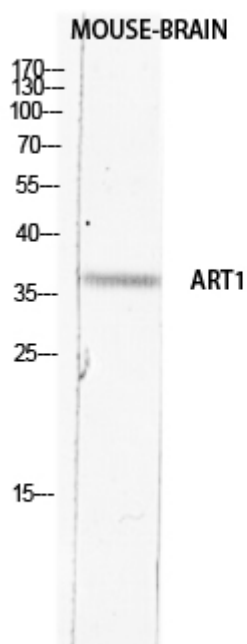
matters needing attention

Avoid repeated freezing and thawing!

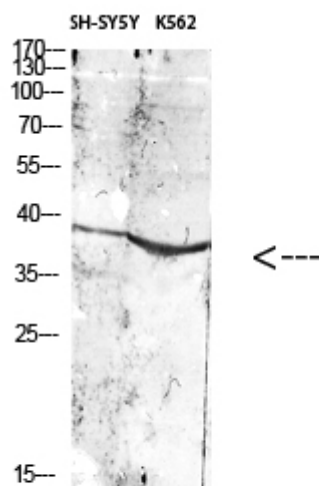
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of MOUSE-BRAIN lysis using ART1 antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000