

CD296 Polyclonal Antibody

Catalog No :	YT5717
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CD296
Gene Name :	ART1
Protein Name :	GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1
Human Gene Id :	417
Human Swiss Prot No :	P52961
Mouse Gene Id :	11870
Mouse Swiss Prot No :	Q60935
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 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],

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.,

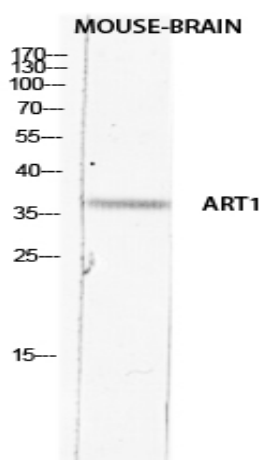
Subcellular Location :

Sarcoplasmic reticulum membrane; Lipid-anchor, GPI-anchor.

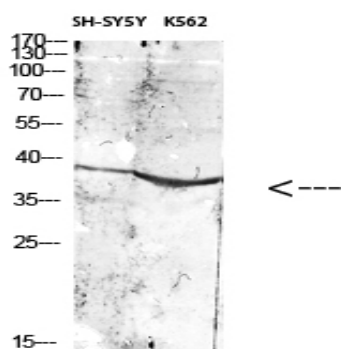
Expression :

Skeletal muscle,

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