

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.,

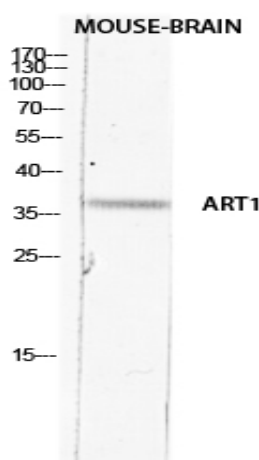
Subcellular Location :

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

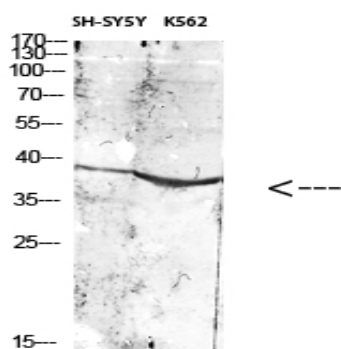
Expression :

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