

CD296 rabbit pAb

Cat No.:ES8396

For research use only

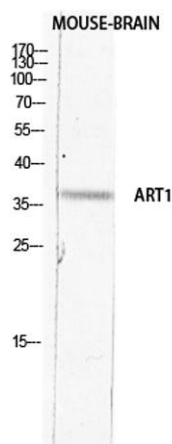
Overview

Product Name	CD296 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	GPI-linked NAD(P)(+)--arginine ADP-ribosyltransferase 1
Gene Name	ART1
Cellular localization	Sarcoplasmic reticulum membrane; Lipid-anchor, GPI-anchor.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	417
Human Swiss-Prot Number	P52961
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
Background	ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins.

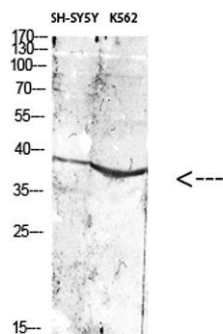




Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of *E. coli*. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins. This gene was previously designated ART2. [provided by RefSeq, Jul 2008],



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

