

Anti-CD296 Antibody

Catalog # AP60658

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P52961
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36335

Additional Information

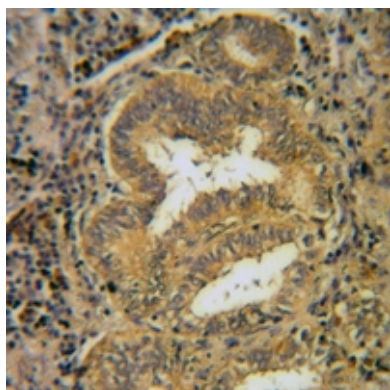
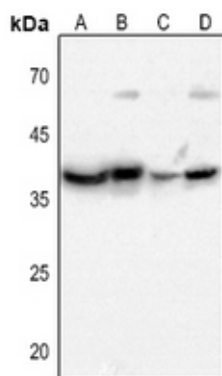
Gene ID	417
Other Names	GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1; ADP-ribosyltransferase C2 and C3 toxin-like 1; ARTC1; Mono(ADP-ribosyl)transferase 1; CD296
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD296. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

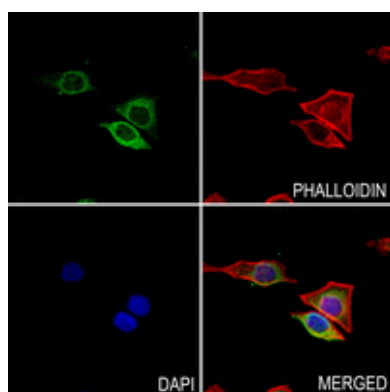
Name	ART1
Function	Has ADP-ribosyltransferase activity toward GLP1R.
Cellular Location	Sarcoplasmic reticulum membrane; Lipid-anchor, GPI-anchor

Images

Western blot analysis of CD296 expression in mouse muscle (A), mouse brain (B), rat muscle (C), rat brain (D) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)



Immunohistochemical analysis of CD296 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CD296 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.