

Product Name: CD297 Rabbit Polyclonal Antibody
Catalog #: APRab08329



Summary

Production Name	CD297 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ART4 DO DOK1 Ecto-ADP-ribosyltransferase 4 (EC 2.4.2.31;ADP-ribosyltransferase C2 and C3 toxin-like
Alternative Names	4;ARTC4;Dombrock blood group carrier molecule;Mono(ADP-ribosyl)transferase 4;NAD(P)(+)--arginine ADP-ribosyltransferase 4;CD antigen CD297)
Gene ID	420.0
SwissProt ID	Q93070.Synthetic peptide from human protein at AA range: 181-230

Application

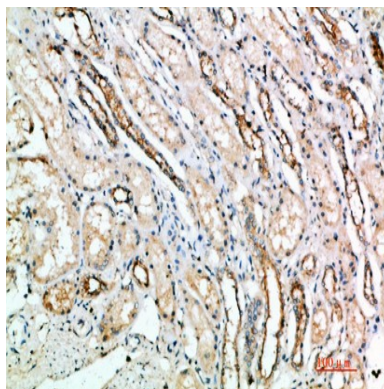
Dilution Ratio	IHC-p 1:50-200, ELISA 1:10000-20000.
Molecular Weight	

Background

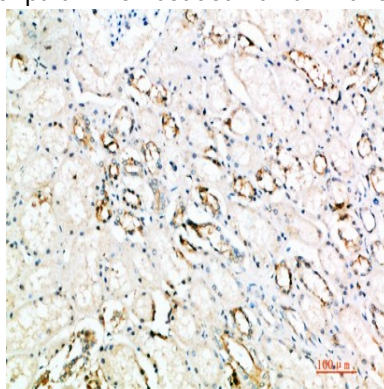
This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq, Jul 2008],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.,online information:Blood group antigen gene mutation database,polymorphism:DO is responsible for the Dombrock blood group system. The molecular basis of the Do(a)/Do(b) blood group antigen is a single variation in position 265; Asn-265 corresponds to Do(a) and Asp-265 to Do(b). It is also responsible for the antigens Gregory [Gy(a)], Holley [Hy] and Joseph [Jo(a)].,similarity:Belongs to the Arg-specific ADP-ribosyltransferase family.,tissue specificity:Expressed in spleen and T-cells.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

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Note

For research use only.