antibodies

Datasheet for ABIN1857914 anti-ADCY9 antibody (AA 1029-1282)

3 Images



Overview

Quantity:	100 μL	
Target:	ADCY9	
Binding Specificity:	AA 1029-1282	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ADCY9 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)	

Product Details

Immunogen:	ADCY9 (Asp1029-Val1282)	
Isotype:	lgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against ADCY9. It has been selected for its ability to recognize ADCY9 in immunohistochemical staining and western blotting.	
Purification:	Antigen-specific affinity chromatography	

Target Details

Target:	ADCY9	
Abstract:	ADCY9 Products	
Background:	Alternative Names: AC9, ATP pyrophosphate-lyase 9, Adenylate cyclase type IX	

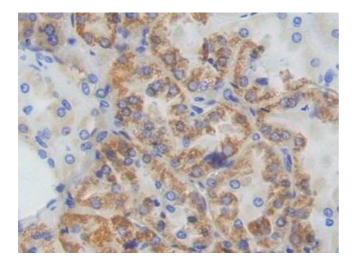
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Target Details		
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, cAMP Metabolic Process, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma	
Application Details		
Application Notes:	 Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user. 	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.	
Restrictions: Handling	For Research Use only	
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	4 °C	
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.	
Expiry Date:	12 months	

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Images

Western Blot		
kDa 75		16
50		
37	-	←33kDa
25		
20		
15		
10		

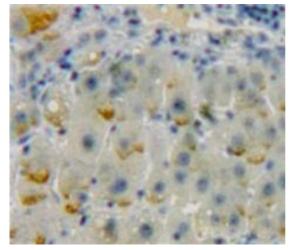


Western Blotting

Image 1.

Immunohistochemistry

Image 2. DAB staining on IHC-P; Samples: Human Kidney Tissue



Immunohistochemistry

Image 3. Used in DAB staining on fromalin fixed paraffinembedded Liver tissue

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