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Datasheet for ABIN7441868 anti-ADCY3 antibody (AA 501-736)

5 Images



Overview

Quantity:	100 µL
Target:	ADCY3
Binding Specificity:	AA 501-736
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Adenylate Cyclase 3 (ADCY3)
Immunogen:	Recombinant Adenylate Cyclase 3 (ADCY3) corresdonding to Lys501~Asn736 with N-terminal His Tag
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ADCY3. It has been selected for its ability to recognize ADCY3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

Target:	ADCY3
Alternative Name:	Adenylate Cyclase 3 (ADCY3 Products)
Background:	AC3, ATP pyrophosphate-lyase 3, Adenylate cyclase, olfactive type, Adenylate cyclase type III
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

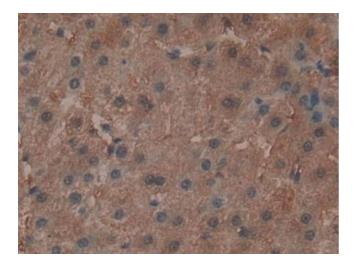
Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37 $^\circ C$ 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: For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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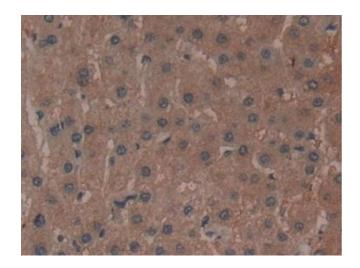
^kDa 44 33 26 22 18 14 10

Immunohistochemistry

Image 1. Detection of ADCY3 in Human Liver Tissue using Polyclonal Antibody to Adenylate Cyclase 3 (ADCY3)

Western Blotting

Image 2. Detection of Recombinant ADCY3, Human using Polyclonal Antibody to Adenylate Cyclase 3 (ADCY3)



Immunohistochemistry

Image 3. Detection of ADCY3 in Human Liver cancer Tissue using Polyclonal Antibody to Adenylate Cyclase 3 (ADCY3)

Please check the product details page for more images. Overall 5 images are available for ABIN7441868.

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