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Datasheet for ABIN751093
anti-ADCY10 antibody (AA 1101-1200)

5 Images

Overview

Quantity:	100 µL
Target:	ADCY10
Binding Specificity:	AA 1101-1200
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY10 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADCY10
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ADCY10
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Target Details

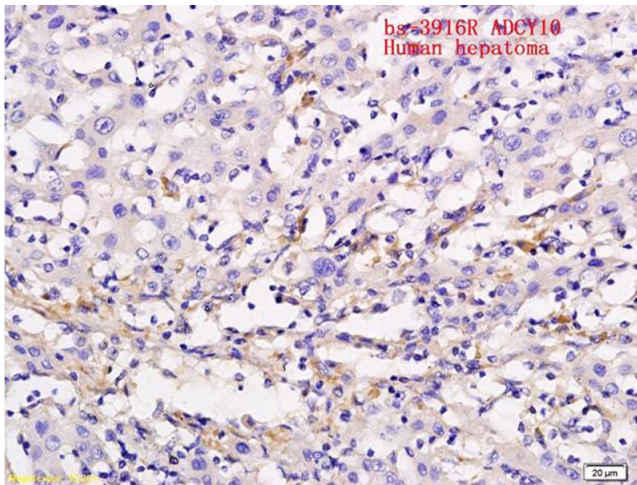
Alternative Name:	ADCY10 (ADCY10 Products)
Background:	<p>Synonyms: SAC, HCA2, SACI, Sacy, hsAC, Adenylate cyclase type 10, AH-related protein, Adenylate cyclase homolog, Germ cell soluble adenylyl cyclase, Testicular soluble adenylyl cyclase, ADCY10</p> <p>Background: Soluble adenylyl cyclase that has a critical role in mammalian spermatogenesis. Produces the cAMP which mediates in part the cAMP-responsive nuclear factors indispensable for maturation of sperm in the epididymis. Induces capacitation, the maturational process that sperm undergo prior to fertilization. May be the bicarbonate sensor. Involved in ciliary beat regulation.</p>
Gene ID:	55811
UniProt:	Q96PN6
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

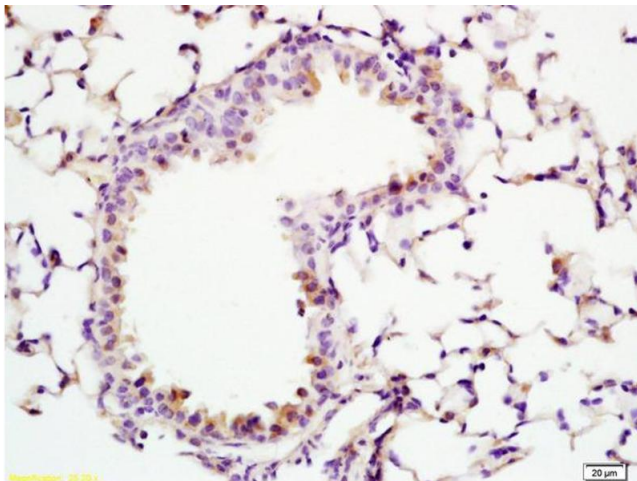
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



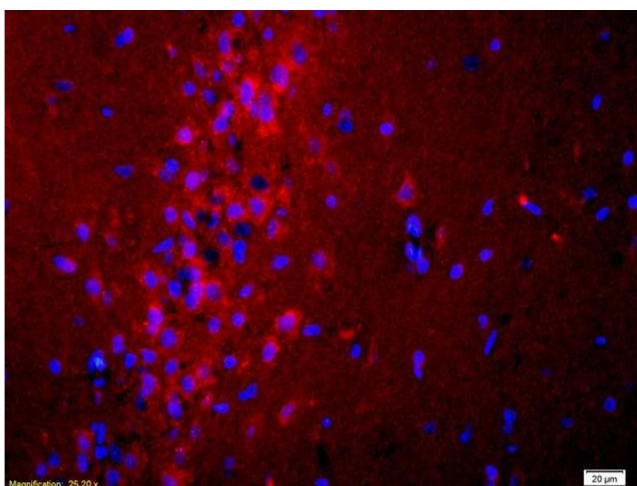
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human liver cancer labeled with Anti ADCY10 Polyclonal Antibody, Unconjugated (ABIN751093) followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat lung labeled with Anti-ADCY10 Polyclonal Antibody, Unconjugated (ABIN751093) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin-embedded rat brain labeled with Anti ADCY10 Polyclonal Antibody, Unconjugated (ABIN751093) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN751093.