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Datasheet for ABIN389223 anti-ADCY2 antibody (C-Term)

2 Images



Overview

Quantity:	400 µL
Target:	ADCY2
Binding Specificity:	AA 940-969, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ADCY2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 940-969 amino acids from the C-terminal region of human ADCY2.
Clone:	RB14942
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ADCY2
Alternative Name:	ADCY2 (ADCY2 Products)

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Target Details ADCY2 is a member of the family of adenylate cyclases, which are membrane-associated Background: enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate(cAMP). This enzyme is insensitive to Ca(2+)/calmodulin, and is stimulated by the G protein beta and gamma subunit complex. Molecular Weight: 123603 Gene ID: 108 NCBI Accession: NP_065433 UniProt: Q08462 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

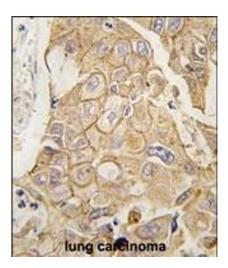
Application Details

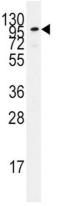
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ADCY2 antibody (C-term) (ABIN389223 and ABIN2839376), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-ADCY2 Pab (ABIN389223 and ABIN2839376) in Jurkat cell line lysates (35 µg/lane). ADCY2(arrow) was detected using the purified Pab.

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