Datasheet for ABIN751216 anti-ADCY7 antibody (AA 901-1080) (Cy3)

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Quantity:	100 µL
Target:	ADCY7 (Adcy7)
Binding Specificity:	AA 901-1080
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY7 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADCY7
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	ADCY7 (Adcy7)
Alternative Name:	ADCY7 (Adcy7 Products)

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Target Details	
Background:	Synonyms: AC7, Adenylate cyclase type 7, ATP pyrophosphate-lyase 7, Adenylate cyclase type
	VII, Adenylyl cyclase 7, ADCY7, KIAA37
	Background: This gene encodes a membrane-bound adenylate cyclase that catalyses the
	formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a
	member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized
	by the presence of twelve membrane-spanning domains in its sequences. [provided by RefSeq,
	Jul 2008].
Gene ID:	113
UniProt:	P51828
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:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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