Datasheet for ABIN1699695

anti-GNAI1 antibody (AA 21-120) (AbBy Fluor® 647)

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Overview

Quantity:	100 µL
Target:	GNAI1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI1 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein alpha inhibitor 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	GNAI1
Alternative Name:	G protein alpha inhibitor 1 (GNAI1 Products)
Background:	Synonyms: Adenylate cyclase inhibiting G alpha protein, Adenylate cyclase inhibitory protein,

Target Details

	Adenylate cyclase-inhibiting G alpha protein, G protein alpha inhibiting 1, G protein alpha inhibiting activity polypeptide 1, Gi, Gi inhibitory G protein, Gi1 protein alpha subunit, GNAI 1, GNAI1, GNAI1_HUMAN, Guanine nucleotide binding protein G protein alpha inhibiting activity polypeptide 1, Guanine nucleotide binding protein alpha inhibiting activity polypeptide 1, Guanine nucleotide binding protein Gi alpha 1 subunit, Guanine nucleotide-binding protein Gi subunit alpha-1, OTTHUMP00000161319, OTTHUMP00000208047. Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. The inactive GDP-bound form prevents the association of RGS14 with centrosomes and is required for the translocation of RGS14 from the cytoplasm to the plasma membrane. May play a role in cell division.
Gene ID:	2770
Pathways:	G-protein mediated Events

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.

Handling

Expiry Date:	12 months