

Datasheet for ABIN7154715  
**anti-GNAT2 antibody (AA 2-139)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	GNAT2
Binding Specificity:	AA 2-139
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(t) subunit alpha-2 protein (2-139AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GNAT2
Alternative Name:	GNAT2 ( <a href="#">GNAT2 Products</a> )
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one

## Target Details

of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase.

Aliases: ACHM4 antibody, Cone type transducin alpha subunit antibody, GNAT 2 antibody, GNAT C antibody, Gnat2 antibody, GNAT2\_HUMAN antibody, GNATC antibody, Guanine nucleotide binding protein (G protein) alpha transducing activity polypeptide 2 antibody, Guanine nucleotide binding protein G t subunit alpha 2 antibody, Guanine nucleotide-binding protein G(t) subunit alpha-2 antibody, Transducin alpha 2 antibody, Transducin alpha-2 chain antibody, Transducin alpha2 antibody, Transducin cone specific alpha polypeptide antibody

UniProt: [P19087](#)

Pathways: [G-protein mediated Events](#), [Phototransduction](#)

## Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

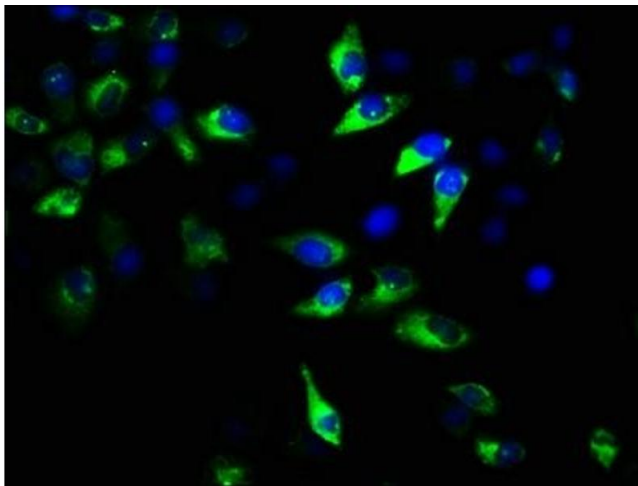
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with ABIN7154715 at 1:167, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).