

Datasheet for ABIN7154711  
**anti-GNAT1 antibody (AA 92-170)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	GNAT1
Binding Specificity:	AA 92-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(t) subunit alpha-1 protein (92-170AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	GNAT1
Alternative Name:	GNAT1 ( <a href="#">GNAT1 Products</a> )
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or

## Target Details

transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase.

Aliases: CSNBAD3 antibody, GBT1 antibody, GNAT1 antibody, GNAT1\_HUMAN antibody, GNATR antibody, guanine nucleotide binding protein (G protein) alpha transducing activity polypeptide 1 antibody, guanine nucleotide binding protein G(T) alpha 1 subunit antibody, Guanine nucleotide-binding protein G(t) subunit alpha-1 antibody, Rod specific transducin antibody, rod-type transducin alpha subunit antibody, Transducin alpha-1 chain antibody, transducin, rod-specific antibody

UniProt: [P11488](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [G-protein mediated Events](#), [Phototransduction](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

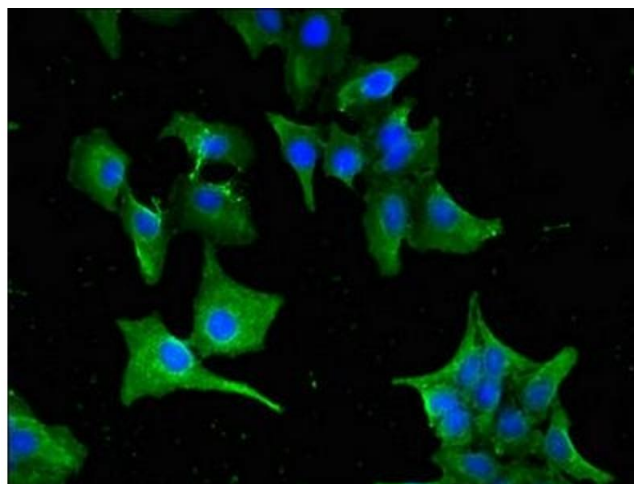
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

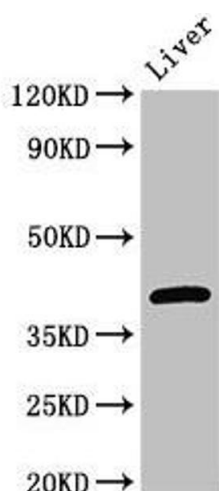
Storage: -20 °C,-80 °C

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



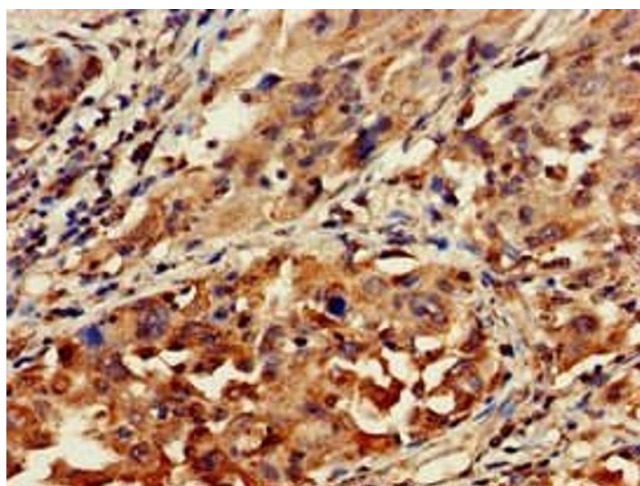
#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HeLa cells using ABIN7154711 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse liver tissue All lanes: GNAT1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7154711 at dilution of 1:100