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Datasheet for ABIN1391992

**anti-GNAT2 antibody (AA 2-100) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	GNAT2
Binding Specificity:	AA 2-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT2 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNAT2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	GNAT2
Alternative Name:	GNAT2 ( <a href="#">GNAT2 Products</a> )
Background:	Synonyms: ACHM4, Cone type transducin alpha subunit, GNAT 2, GNAT C, Gnat2,

## Target Details

GNAT2\_HUMAN, GNATC, Guanine nucleotide binding protein G protein alpha transducing, polypeptide 2, Guanine nucleotide binding protein G t subunit alpha 2, Guanine nucleotide-binding protein Gt subunit alpha-2, Transducin alpha 2, Transducin alpha-2 chain, Transducin alpha2, Transducin cone specic alpha polypeptide.

Background: Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones.

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

## 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