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## Datasheet for ABIN1386122 **anti-GNAT2 antibody (AA 2-100)**

### Overview

Quantity:	100 µL
Target:	GNAT2
Binding Specificity:	AA 2-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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> )

## Target Details

Background:	<p>Synonyms: ACHM4, Cone type transducin alpha subunit, GNAT 2, GNAT C, Gnat2, 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.</p> <p>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.</p>
Pathways:	<a href="#">G-protein mediated Events</a> , <a href="#">Phototransduction</a>

## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months