

Datasheet for ABIN952564
anti-GNAT2 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	GNAT2
Binding Specificity:	AA 140-169, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 140-169 amino acids from the Central region of human GNAT2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse GNAT2 / GNATC (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GNAT2
Alternative Name:	GNAT2 / GNATC (GNAT2 Products)

Target Details

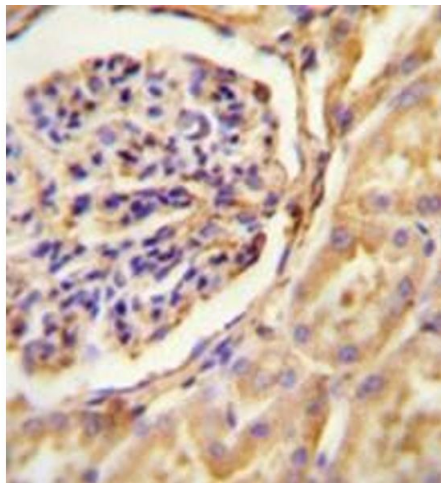
Background:	Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones. Synonyms: G protein G(t) subunit alpha-2, Guanine nucleotide-binding protein G(t) subunit alpha-2, Transducin alpha-2 chain
Molecular Weight:	40176 Da
Gene ID:	2780
NCBI Accession:	NP_005263
Pathways:	G-protein mediated Events , Phototransduction

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

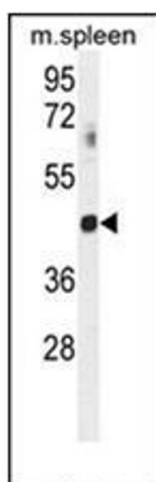
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human Kidney tissue reacted with GNAT2 / GNATC Antibody (Center) Cat.-No AP51876PU-N peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of GNAT2 / GNATC Antibody (Center) in mouse spleen tissue lysates (35ug/lane). This demonstrates the GNAT2 antibody detected the GNAT2 protein (arrow).