

Datasheet for ABIN2856227
anti-GNAT1 antibody (Center)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GNAT1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GNAT1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Dog (Canine)
Cross-Reactivity (Details):	Dog (100 %)
Characteristics:	Rabbit Polyclonal antibody to GNAT1 (guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1) GNAT1 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GNAT1
Alternative Name:	GNAT1 (GNAT1 Products)
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 rods. This gene is also expressed in other cells, and has been implicated in bitter taste transduction in rat taste cells. Mutations in this gene result in autosomal dominant congenital stationary night blindness. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Molecular Weight:	40 kDa
Gene ID:	2779
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , G-protein mediated Events , Phototransduction

Application Details

Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: NT2D1 , IMR32 , U87-MG
Restrictions:	For Research Use only

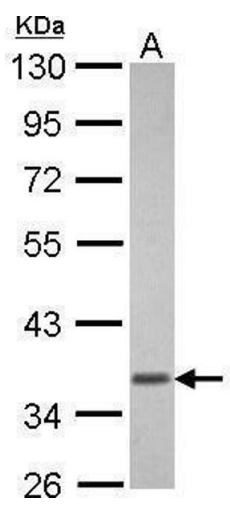
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
U87-MG 10% SDS PAGE antibody diluted at 1:3000