abcam

Product datasheet

Anti-GNAT1 antibody ab126104

1 Image

Overview

Product name	Anti-GNAT1 antibody
Description	Rabbit polyclonal to GNAT1
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Chicken, Cow, Dog, Xenopus laevis, Zebrafish
Immunogen	Recombinant fragment, corresponding to a region within internal amino acids 37-330 of Human Transducin alpha (P11488).
Positive control	NT2D1, IMR32 and U-87 MG whole cell lysates.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab126104 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 40 kDa.

Target

Function Guanine nucleotide-binding proteins (G proteins) are involved as modulators or 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.

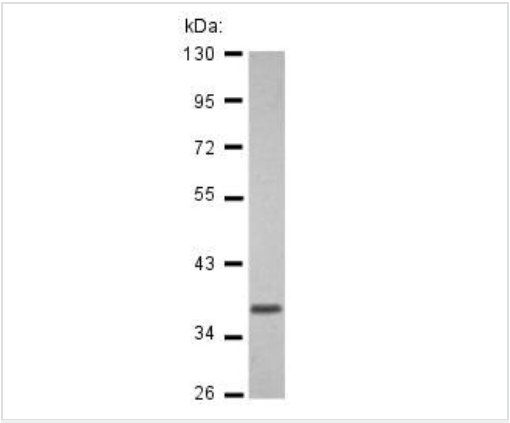
Tissue specificity Rod. Predominantly expressed in the retina followed by the ciliary body, iris and retinal pigment epithelium.

Involvement in disease Night blindness, congenital stationary, autosomal dominant 3
Night blindness, congenital stationary, 1C

Sequence similarities Belongs to the G-alpha family. G(i/o/t/z) subfamily.

Developmental stage Expressed at approximately postnatal day 7.

Images



Western blot - Anti-GNAT1 antibody (ab126104)

Anti-GNAT1 antibody (ab126104) at 1/3000 dilution + U-87 MG cell lysate at 30 µg

Predicted band size: 40 kDa

10% SDS Page

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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