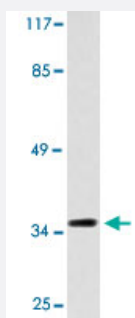


GNAT1 polyclonal antibody

Catalog # PAB27001 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with GNAT1 polyclonal antibody (Cat # PAB27001).

Specification

| | |
|-----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of GNAT1. |
| Immunogen | A synthetic peptide corresponding to human GNAT1. |
| Host | Rabbit |
| Theoretical MW (kDa) | 36 |
| Reactivity | Human, Mouse |
| Specificity | GNAT1 polyclonal antibody detects endogenous levels of GNAT1 protein. |
| Form | Liquid |
| Purification | Antigen affinity purification |
| Concentration | 1 mg/mL |
| Recommend Usage | Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (0.05% sodium azide) |

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with GNAT1 polyclonal antibody (Cat # PAB27001).

Gene Info — GNAT1

Entrez GeneID[2779](#)**Protein Accession#**[P11488](#)**Gene Name**

GNAT1

Gene Alias

CSNBAD3, GBT1, GNATR

Gene Description

guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1

Omim ID[139330](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

guanine nucleotide binding protein, alpha transducing activity polypeptide 1|guanine nucleotide-binding protein G(T), alpha-1 subunit|transducin alpha-1 chain|transducin, rod-specific

Disease

- [Retinal Diseases](#)