

GNAT1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 40kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human GNAT1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GBT1; GNATR; CSNBAD3;

Catalog #: A6496

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2779

Isotype: IgG

Swiss Prot: P11488

Purity: Affinity purification

For research use only.

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.

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