Rabbit anti-Human, Mouse GNAT1 Polyclonal Antibody | anti-GNAT1 antibody

GNAT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176017	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

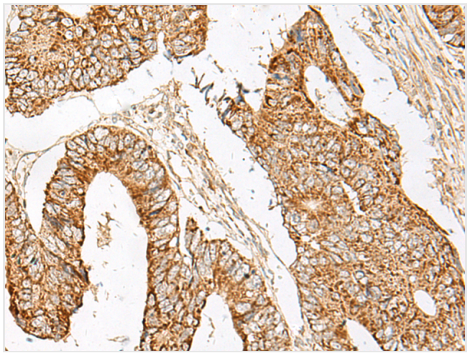
PRODUCT SYNONYMS

GNAT1; Polyclonal Antibody; GNAT1 Polyclonal Antibody; CSNBAD3; GBT1; GNATR; Guanine nucleotide binding protein (G protein) alpha transducing activity polypeptide 1; Guanine nucleotide binding protein G(T) alpha 1 subunit; Guanine nucleotide-binding protein G(t) subunit alpha-1; Rod specific transducin; Rod-type transducin alpha subunit; Transducin alpha-1 chain; Transducin; Rod-specific; anti-GNAT1 antibody

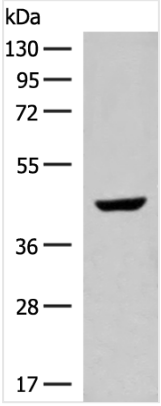
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.66mg/mL (varies by lot)
Sequence Length	350
Applicable Applications for anti-GNAT1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human GNAT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GNAT1 Polyclonal Antibody at dilution of 1:25(×200



WB (Western Blot)
Western blot analysis of Human fetal liver tissue lysate using GNAT1 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-GNAT1 antibody	Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phoshodiesterase 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.GNAT1 (G Protein Subunit Alpha Transducin 1) is a Protein Coding gene. Diseases associated with GNAT1 include Night Blindness, Congenital Stationary, Autosomal Dominant 3 and Night Blindness, Congenital Stationary, Type 1G. Among its related pathways are Phospholipase-C Pathway and Phototransduction. GO annotations related to this gene include GTP binding and GTPase activity. An important paralog of this gene is GNAT2.
Product Categories/Family for anti-GNAT1 antibody	Cancer; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027520
NCBI GeneID	2779
NCBI Accession #	NP_000163.2
NCBI GenBank Nucleotide #	NP_000163.2
UniProt Accession #	P11488
Molecular Weight	40 kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(t) subunit alpha-1
NCBI Official Synonym Full Names	G protein subunit alpha transducin 1
NCBI Official Symbol	GNAT1
NCBI Official Synonym Symbols	GBT1; GNATR; CSNB1G; CSNBAD3
NCBI Protein Information	guanine nucleotide-binding protein G(t) subunit alpha-1
UniProt Protein Name	Guanine nucleotide-binding protein G(t) subunit alpha-1
UniProt Gene Name	**GNAT1**
UniProt Synonym Gene Names	GNATR
UniProt Entry Name	GNAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/gnat1-antibody-immunohistochemistry-western-blot-elisa/176017