

## Product datasheet for **TA368383S**

### GNAT1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HT29 cell lysate IHC: 30-150 Positive control: Human colorectal cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GNAT1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	40 kDa
Gene Name:	G protein subunit alpha transducin 1
Database Link:	<a href="#">Entrez Gene 2779 Human P11488</a>

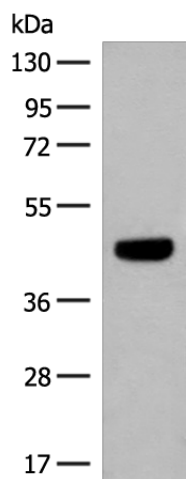
**Background:** Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in 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.



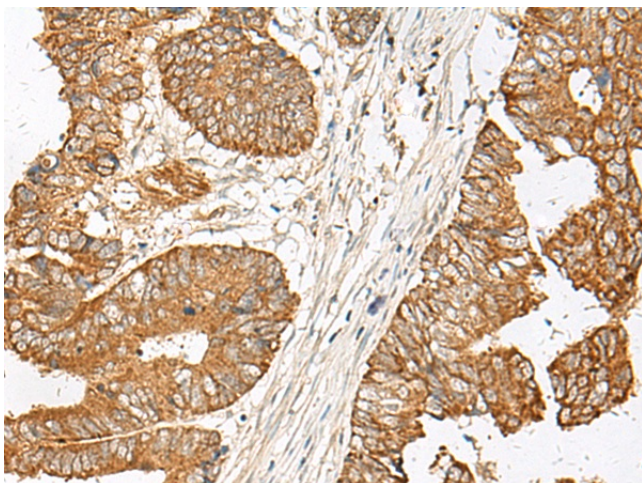
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Synonyms: CSNBAD3; GBT1; GNATR; OTTHUMP00000210666

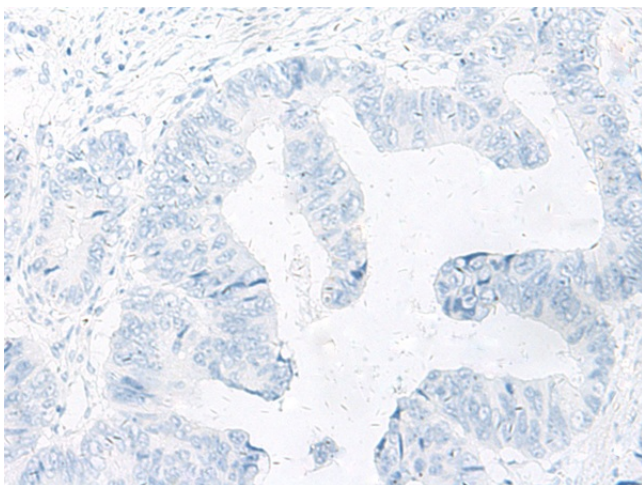
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: HT29 cell lysate  
Primary antibody: [TA368383] (GNAT1 Antibody) at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368383] (GNAT1 Antibody) at dilution 1/25 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368383] (GNAT1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)