

## GNAT3 Rabbit Polyclonal Antibody

Catalog No: #54119

Package Size: #54119-1 50ul #54119-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

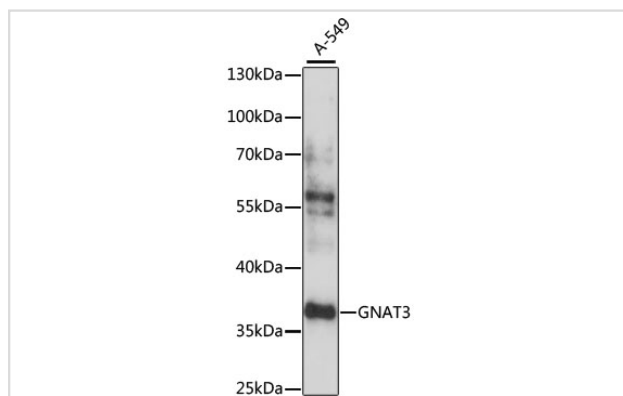
## Description

Product Name	GNAT3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,
Immunogen Description	Recombinant fusion protein of human GNAT3 (NP_001095856.1).
Conjugates	Unconjugated
Other Names	GNAT3;GDCA
Accession No.	Swiss Prot:A8MTJ3GeneID:346562
Calculated MW	40kDa
SDS-PAGE MW	37kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

## Images



Western blot analysis of extracts of A-549 cells, using GNAT3 at 1:1000 dilution.

## Background

Sweet, bitter, and umami tastes are transmitted from taste receptors by a specific guanine nucleotide binding protein. The protein encoded by this gene is the alpha subunit of this heterotrimeric G protein, which is found not only in the oral epithelium but also in gut tissues. Variations in this gene have been linked to metabolic syndrome.

## Published Papers

Zeng Xi, Pang Suwen, Lu Hong, Zhu Jingchao, Li Ze, Liu Ni, Zhang Xifeng, Wang Yun, Wei Zhifeng et al., Aloperine ameliorates radiation enteritis by driving the TAS2R138-PLC $\beta$ /GAPDH axis-mediated glucose metabolic reprogramming to inhibit ferroptosis in intestinal B $\beta$ <sup>+</sup>, Biochemical pharmacology, (2025)

[PMID:40902734](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.