

For Research Use Only

GNAT3 Polyclonal antibody, PBS Only

Catalog Number: 25322-1-PBS



Basic Information

Catalog Number:

25322-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18121

GenBank Accession Number:

BC147016

GeneID (NCBI):

346562

UNIPROT ID:

A8MTJ3

Full Name:

guanine nucleotide binding protein, alpha transducing 3

Calculated MW:

354 aa, 40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

GNAT3 (Guanine nucleotide-binding protein G(t) subunit alpha-3), also known as α -gustducin, is a protein that plays a key role in taste signaling. It is part of the G-protein family and is mainly expressed in Type II taste cells in the taste buds of the tongue. GNAT3 is involved in detecting sweet, bitter, and umami tastes by activating a signaling cascade that includes PLC β 2, TRPM5, and other downstream effectors.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

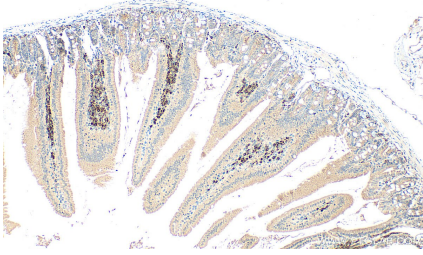
For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 25322-1-AP (GNAT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25322-1-PBS in a different storage buffer formulation.