

Datasheet for ABIN335139

anti-GNAT3 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GNAT3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GNAT3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	GNAT3
Immunogen:	Peptide with sequence C-KNQFLDLNLKKEDKE, from the internal region of the protein sequence according to NP_001095856.1.
Sequence:	KNQFLDLNLK KEDKE
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

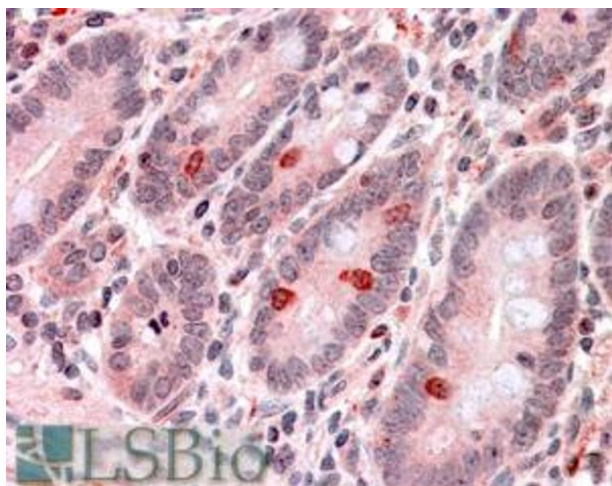
Target:	GNAT3
Alternative Name:	GNAT3 (GNAT3 Products)
Background:	GNAT3, guanine nucleotide binding protein, alpha transducing 3 , tcag7.1053, GDCA, gustducin alpha-3
Gene ID:	346562, 242851, 286924
NCBI Accession:	NP_001095856
Pathways:	Peptide Hormone Metabolism , G-protein mediated Events , Phototransduction

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Small Intestine shows staining of endocrine cells amongst the enterocytes. Recommended concentration: 3-6 µg/mL.</p> <p>Western Blot: Preliminary experiments gave an approx 27 kDa band in Human Colon and Testis lysates and in cell lines NIH 3T3, A431 and Kelly after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN335139 (3.8µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.