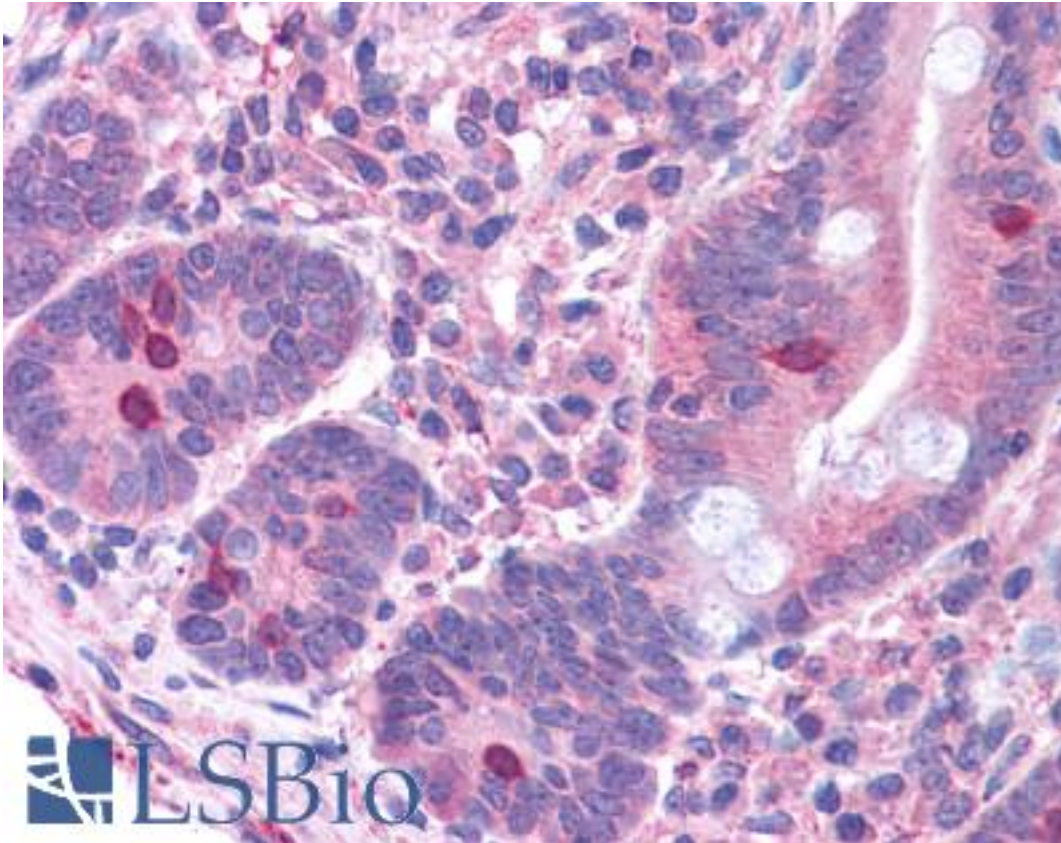


GNAT3 / Gustducin Goat anti-Human Polyclonal (Internal) Antibody - LS-B4942 - LSBio	
<b>CatalogID:</b>	LS-B4942
<b>Validation:</b>	This antibody replaces catalog number LS-C87232. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	guanine nucleotide binding protein, alpha transducing 3 (GNAT3)
<b>Synonyms:</b>	GNAT3 Antibody, Gustducin Antibody, Gustducin alpha-3 chain Antibody, GDCA Antibody
<b>Host</b>	GNAT3 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	GNAT3 / Gustducin antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	GNAT3 / Gustducin antibody was raised against synthetic peptide C-KNQFLDLNLKKEDKE from an internal region of human GNAT3 (NP_001095856.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Horse, Rabbit, Pig, Opossum (100%); Bat, Lizard (93%); Platypus (87%); Turkey, Chicken (80%).
<b>Specificity:</b>	Human GNAT3.
<b>Epitope:</b>	Internal
<b>Reactivity:</b>	Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bovine, Dog, Hamster, Horse, Pig, Rabbit
<b>Predicted Reactivity:</b>	Bat
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Store at -20°C. Minimize freezing and thawing.
<b>Usage Summary:</b>	Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments gave an approx 27kD band in Human Colon and Testis lysates and in cell lines NIH 3T3, A431 and Kelly after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.4kD according to NP_001095856.1. The 27kD band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies / lysates? Have any further splice variants / modified forms been reported?
<b>Uses:</b>	IHC - Paraffin (3.75 µg/ml), ELISA (1:32000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-GNAT3 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4942 concentration 3.75 ug/ml.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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