



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08224 - Goat Anti-GNAT3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GNAT3, guanine nucleotide binding protein, alpha transducing 3, tcag7.1053, GDCA, gustducin alpha-3

**Official Symbol:** GNAT3

**Accession Number(s):** NP\_001095856.1

**Human GeneID(s):** [346562](#)

**Non-Human GeneID(s):** 242851 (mouse), 286924 (rat)

### Immunogen

Peptide with sequence C-KNQFLDLNLKKEDKE, from the internal region of the protein sequence according to NP\_001095856.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

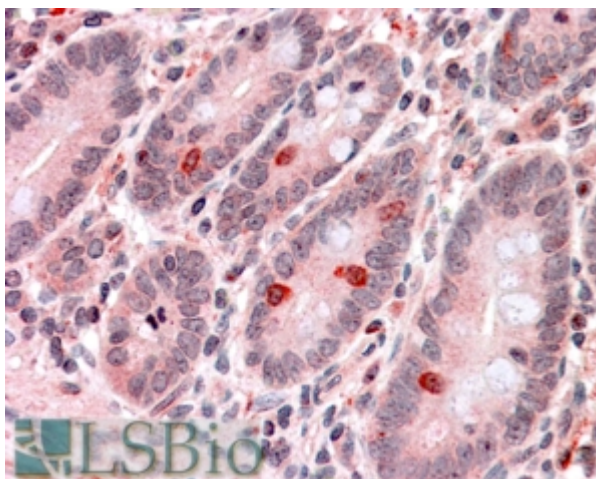
**Western blot:** Preliminary experiments gave an approx 27kDa band in Human Colon and Testis lysates and in cell lines NIH 3T3, A431 and Kelly after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.4kDa according to NP\_001095856.1. The 27kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** In paraffin embedded Human Small Intestine shows staining of endocrine cells amongst the enterocytes. Recommended concentration: 3-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB08224 (3.8µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.