

Datasheet for ABIN5539638
anti-GNAI2 antibody (AA 289-299)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GNAI2
Binding Specificity:	AA 289-299
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	GNAI2 (aa289-299)
Sequence:	PEYTGANKYD E
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002061.1, NP_001159897.1).
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

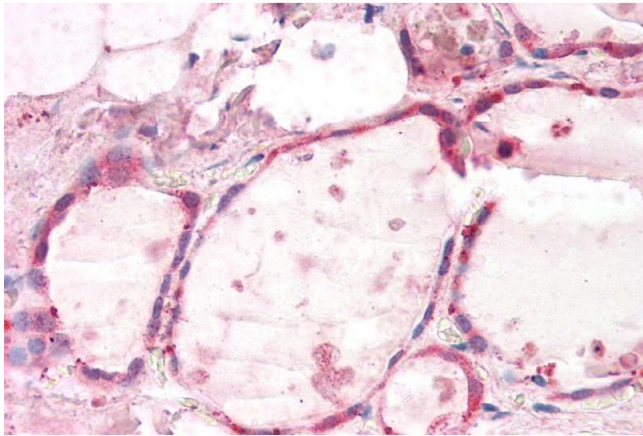
Target:	GNAI2
Alternative Name:	GNAI2 (GNAI2 Products)
Background:	GNAI2, guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2, GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1, GTP-binding regulatory protein Gi alpha-2 chain, adenylate cyclase-inhibiting G alpha protein, guanine nucleotide-binding
Gene ID:	2771, 14678, 81664
NCBI Accession:	NP_002061 , NP_001159897
Pathways:	cAMP Metabolic Process , G-protein mediated Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thyroid and Tonsil. Recommended concentration: 5 µg/mL. Western Blot: Approx 38 kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 40.5 kDa according to NP_002061.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

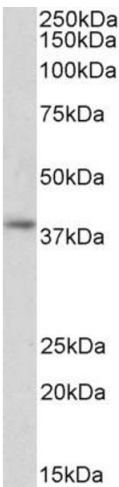
Handling

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.



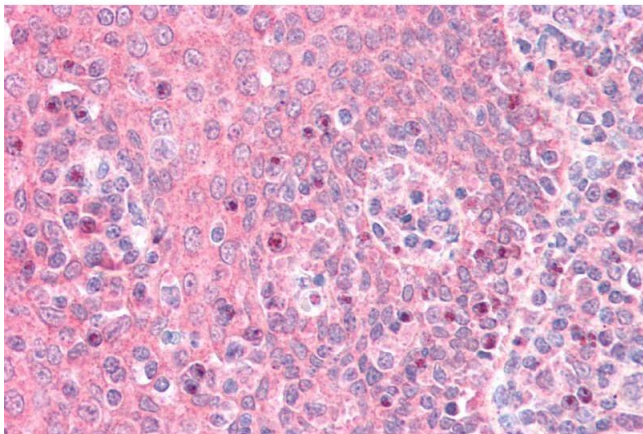
Immunohistochemistry

Image 1. ABIN5539638 (5µg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539638 (2µg/ml) staining of Human Peripheral Blood Lymphocytes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN5539638 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.