

Datasheet for ABIN337268

anti-GNAI1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	GNAI1
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Partially purified Gai1 protein from rat brain (39-42kD). Cellular Localization: Cell membrane. Type of Immunogen: Protein fraction
Clone:	R4-5
Isotype:	IgG2b
Specificity:	Recognizes Rat Gai1. Does not cross-react with Transducin, Gao, Gai2, Gai3, or Gas. ADP-ribosylation of ai1 proteins does not alter the reactivity. Species cross-reactivity: mouse, bovine, guinea pig and human.
Purification:	Protein A purified

Target Details

Target:	GNAI1
Alternative Name:	GNAI1 / Gi (GNAI1 Products)
Background:	Name/Gene ID: GNAI1 Synonyms: GNAI1, Gi1 protein alpha subunit, Gi
Gene ID:	2770
UniProt:	P63096
Pathways:	G-protein mediated Events

Application Details

Application Notes:	Approved: IHC, IHC-P (1:50), WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 1:50. Positive control: IMR-5 cells, brain.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

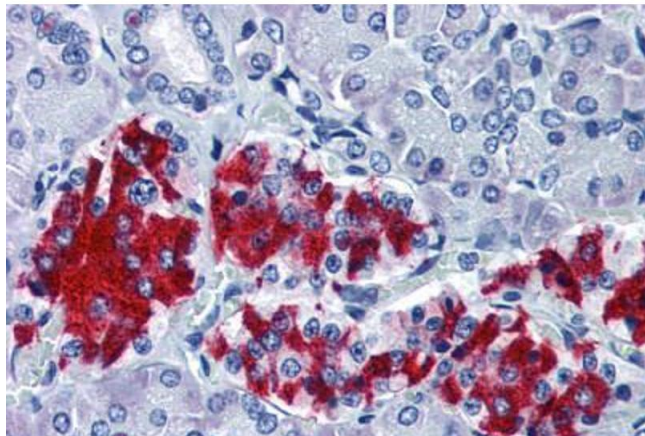
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.2 % BSA, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

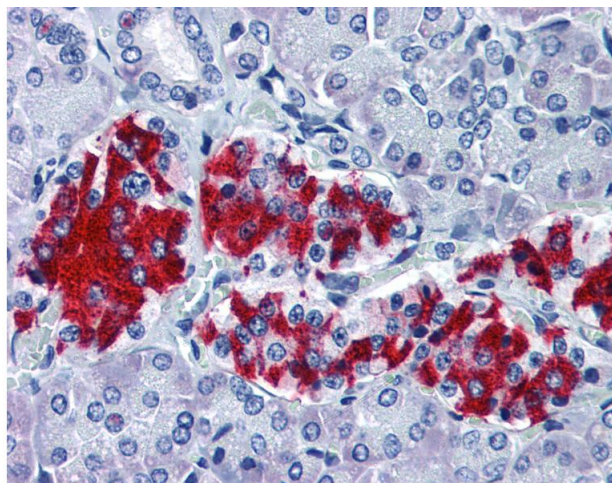
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Pancreas (formalin-fixed, paraffin-embedded) stained with GNAI1 antibody ABIN337268 at 1:50 followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-GNAI1 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.