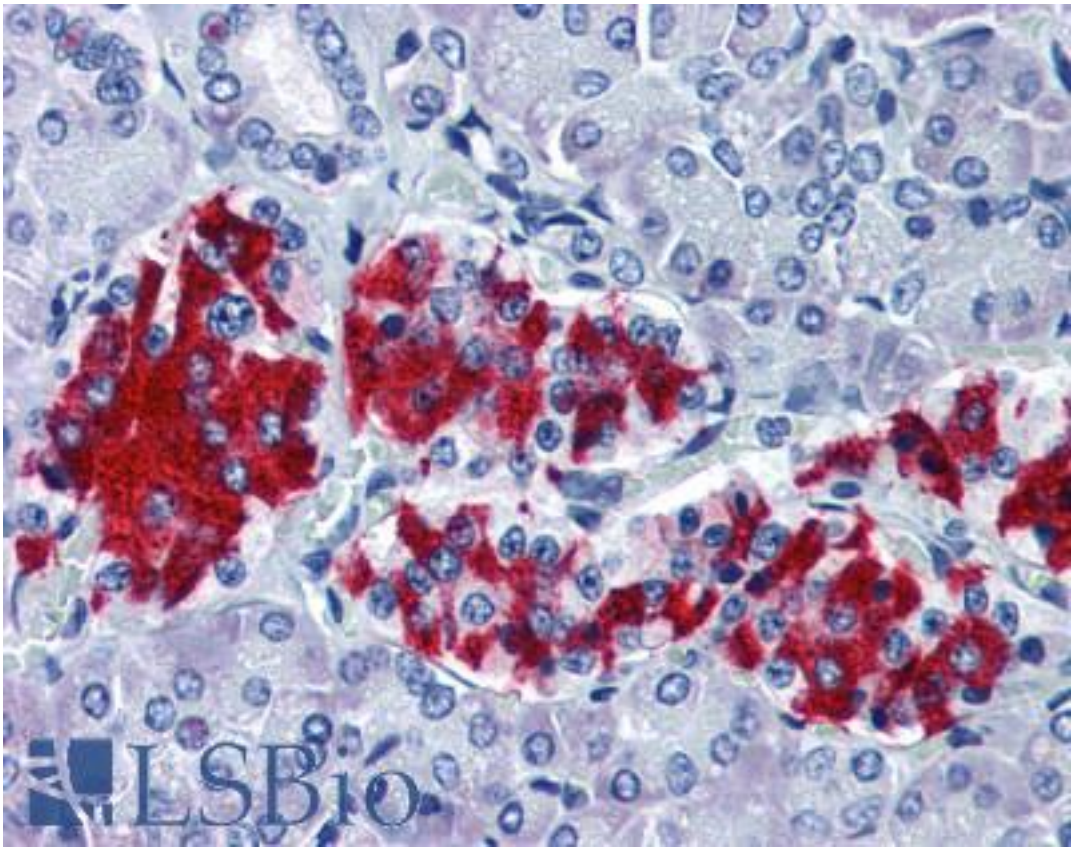
LSBio
LifeSpan BioSciences, Inc.

GNAI1 / Gi Mouse anti-Rat Monoclonal (R4.5) Antibody - LS-B2546 - LSBio

CatalogID:	LS-B2546
Validation:	This antibody replaces catalog number LS-C36537. It has been validated for use in the following assays: IHC-P.
Target:	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1 (GNAI1)
Synonyms:	GNAI1 Antibody, Gi1 protein alpha subunit Antibody, Gi Antibody
Host	GNAI1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2b
Clone Name:	R4.5
Immunogen Species:	GNAI1 / Gi antibody was raised against Rat
Antigen Type:	Protein fraction
Immunogen:	GNAI1 / Gi antibody was raised against partially purified Gai1 protein from rat brain (39-42kD). Cellular Localization: Cell membrane.
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.
Reactivity:	Rat, Human, Mouse, Bovine, Guinea pig
Purification:	Protein A purified
Presentation:	PBS, pH 7.4, 0.2% BSA, 0.1% sodium azide, 40% glycerol.
Recommended Storage:	Long term: Add glycerol (40-50%) -20°C; Short term: +4°C
Usage Summary:	Immunohistochemistry: LS-B2546 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 LS-B2546 was determined to be 1:50. Positive control: IMR-5 cells; brain.
Uses:	IHC - Paraffin (1:50), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µl

Immunohistochemistry Image:



Anti-GNAI1 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2546 dilution 1:50.

Requested From:	Japan