

Datasheet for ABIN7300746
anti-GNAT1 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GNAT1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GNAT1.
Specificity:	Recognizes endogenous levels of GNAT1 protein.
Characteristics:	Rabbit polyclonal antibody to GNAT1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	GNAT1
Alternative Name:	GNAT1 (GNAT1 Products)
Background:	GNATR, Guanine nucleotide-binding protein G(t) subunit alpha-1, Transducin alpha-1 chain

Target Details

Gene ID:	2779, 14685
UniProt:	P11488 , P20612
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , G-protein mediated Events , Phototransduction

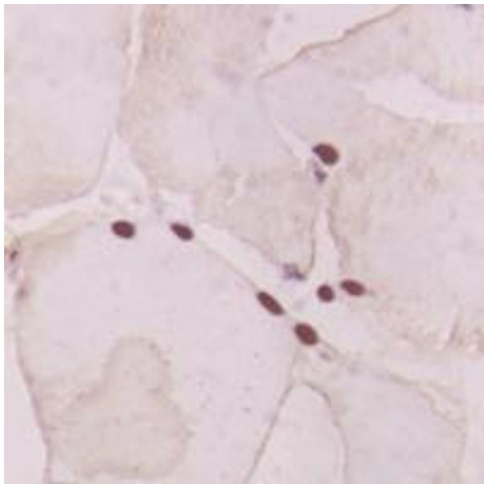
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

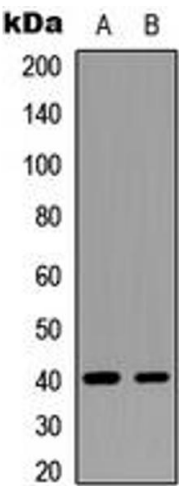
Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of GNAT1 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and

mounted with DPX.



Western Blotting

Image 2. Western blot analysis of GNAT1 expression in U87MG (A), mouse brain (B) whole cell lysates.