

Datasheet for ABIN7258576

anti-GNAI3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	GNAI3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI3 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human GNAI3 (NP_006487.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	GNAI3
Alternative Name:	GNAI3 (GNAI3 Products)
Background:	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar

Target Details

syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway.

Gene ID: 2773

UniProt: [P08754](#)

Pathways: [cAMP Metabolic Process](#), [G-protein mediated Events](#)

Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

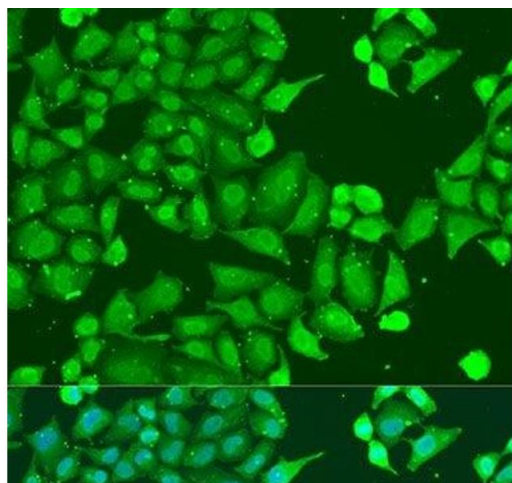
Preservative: Sodium azide

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: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using GNAI3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.