

Datasheet for ABIN5533067  
**anti-GNAI2 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	GNAI2
Binding Specificity:	AA 78-107, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This GNAI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-107 amino acids from the N-terminal region of human GNAI2.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	GNAI2
Alternative Name:	GNAI2 ( <a href="#">GNAI2 Products</a> )
Background:	The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms have been detected for this gene, but the full-length nature of only two are known so

### Target Details

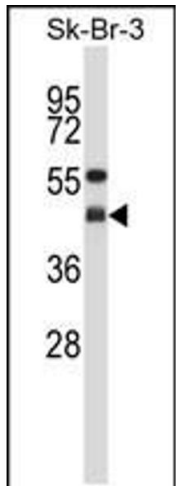
	far.
Molecular Weight:	40 kDa
Gene ID:	2771
UniProt:	<a href="#">P04899</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

### Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

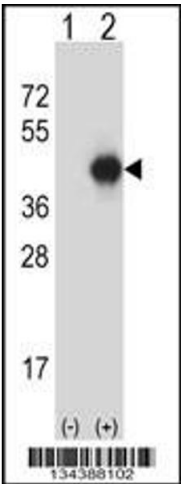
### Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



**Western Blotting**

**Image 1.** Western blot analysis in SK-BR-3 cell line lysates (35ug/lane).



**Western Blotting**

**Image 2.** Western blot analysis of GNAI2 using rabbit polyclonal GNAI2 Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GNAI2 gene.