

Datasheet for ABIN6243780
anti-GNAI3 antibody (AA 309-343)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GNAI3
Binding Specificity:	AA 309-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GNAI3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 309-343 amino acids from the human region of human GNAI3.
Clone:	RB46791
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide 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

Target Details

various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor-regulated K(+) channels. The active GTP-bound form prevents the association of RGS14 with centrosomes and is required for the translocation of RGS14 from the cytoplasm to the plasma membrane. May play a role in cell division.

Molecular Weight: 40532

UniProt: [P08754](#)

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

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

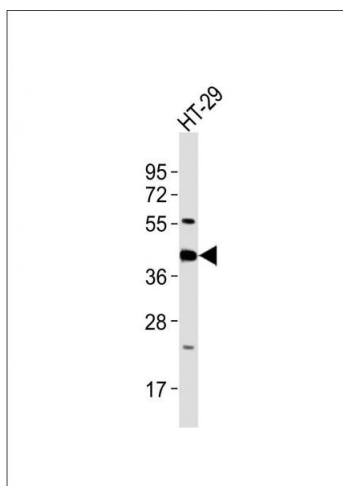
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. Anti-GNAI3 Antibody at 1:2000 dilution + HT-29 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 41 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.