

Datasheet for ABIN265063
anti-GNAI1 antibody (AA 345-354)



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Overview

Quantity:	0.1 mg
Target:	GNAI1
Binding Specificity:	AA 345-354
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acids 345 - 354 of Gialpha1 and 346-355 of Gialpha2.
Isotype:	IgG
Specificity:	This antibody reacts to Gi alpha 1/2.
Cross-Reactivity (Details):	Also reacts to: GNAI2
Purification:	Purified

Target Details

Target:	GNAI1
Abstract:	GNAI1 Products
Background:	GTP-binding proteins (G-proteins) play a critical role in signal transduction by coupling

Target Details

receptors to effectors. The intracellular consequences of G-protein activation include second messenger generation, protein phosphorylation, ion channel activation, gene induction, cell growth, and differentiation. Gi belongs to the pertussis toxin sensitive G-proteins. Gi consists of three different subtypes of alpha-subunits (alpha i1, alpha i2 and alpha i3) Synonyms: GNAI1, Guanine nucleotide-binding protein G(i) alpha-1 subunit

Gene ID: 2770

NCBI Accession: [NP_002060](#)

UniProt: [P63096](#)

Pathways: [G-protein mediated Events](#)

Application Details

Application Notes: Western Blot: 5 - 10 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: Phosphate buffered saline with 0.08 % 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: The antibody can be shipped at ambient temperature. Store (in aliquots) at -20 °C only.