

Datasheet for ABIN7114817 **anti-GNAI2 antibody**



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Overview

Quantity:	100 µg
Target:	GNAI2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	guanine nucleotide binding protein(G protein), alpha inhibiting activity polypeptide 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	GNAI2
Alternative Name:	GNAI2 (GNAI2 Products)
Background:	Synonyms:GNAI2B, GIP, H_LUCA15.1, H_LUCA16.1 Background:Guanine nucleotide-binding proteins(G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase:

Target Details

	they inhibit the cyclase in response to beta-adrenergic stimuli. May play a role in cell division. Isoform sGi2: Regulates the cell surface density of dopamine receptors DRD2 by sequestering them as an intracellular pool.
Molecular Weight:	35-40 kDa
Gene ID:	2771
UniProt:	P04899
Pathways:	cAMP Metabolic Process , G-protein mediated Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:50-1:500, IF: 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months