

Datasheet for ABIN2785809

anti-GNAI2 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	GNAI2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Goat, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GNAI2
Sequence:	EYQLNDSAAY YLNDLERIAQ SDYIPTQQDV LRTRVKTTGI VETHFTFKDL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against GNAI2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GNAI2
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Target Details

Alternative Name:	GNAI2 (GNAI2 Products)
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: they inhibit the cyclase in response to beta-adrenergic stimuli. Alias Symbols: GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1 Protein Interaction Partner: NOTCH2NL, KRTAP10-8, KRT40, GPSM3, RGS20, UBC, TRIP6, MDFI, KRT31, SUMO2, RNF2, GCLM, GDI1, NAGK, SCRNI, LTB4R, ESR1, ATP4A, Rgs13, RGS3, PAN2, NPM1, NCF2, MTNR1A, HSP90AB1, HSP90AA1, CFTR, MYH10, GNB1, GNAI3, GNAI1, CYSTM1, ERGIC1, CORO1C, DHX30, SRSF1, Protein Size: 354
Molecular Weight:	40 kDa
Gene ID:	2771
NCBI Accession:	NM_002070 , NP_002061
UniProt:	P04899
Pathways:	cAMP Metabolic Process , G-protein mediated Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 354 AA
Restrictions:	For Research Use only

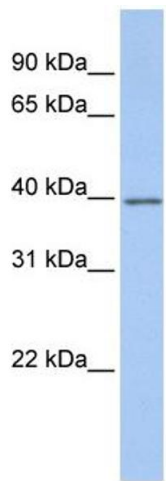
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GNAI2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human brain