

Datasheet for ABIN7183599

anti-GNAT2 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GNAT2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from internal of Human GNAT2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GNAT2
Alternative Name:	GNAT2 (GNAT2 Products)
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and

Target Details

cGMP-phosphodiesterase.

Lerea C.L., Neuron 3:367-376(1989).

Kubo M., FEBS Lett. 291:245-248(1991).

Morris A.T., Genomics 17:442-448(1993).

Aliases: ACHM4 antibody, Cone type transducin alpha subunit antibody, GNAT 2 antibody, GNAT C antibody, Gnat2 antibody, GNAT2_HUMAN antibody, GNATC antibody, Guanine nucleotide binding protein (G protein) alpha transducing activity polypeptide 2 antibody, Guanine nucleotide binding protein G t subunit alpha 2 antibody, Guanine nucleotide-binding protein G(t) subunit alpha-2 antibody, Transducin alpha 2 antibody, Transducin alpha-2 chain antibody, Transducin alpha2 antibody, Transducin cone specific alpha polypeptide antibody

UniProt: [P19087](#)

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

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

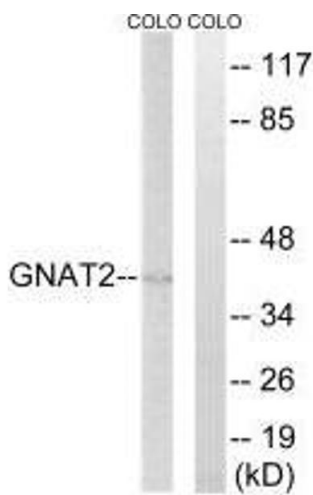
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from COLO cells, using GNAT2 antibody.