



[Go to Product page](#)

Datasheet for ABIN7154680
anti-GNG7 antibody (AA 2-65)

1 Image

Overview

Quantity:	100 µg
Target:	GNG7
Binding Specificity:	AA 2-65
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG7 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 protein (2-65AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GNG7
Alternative Name:	GNG7 (GNG7 Products)
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or

Target Details

transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Plays a role in the regulation of adenylyl cyclase signaling in certain regions of the brain. Plays a role in the formation or stabilization of a G protein heterotrimer (G(olf) subunit alpha-beta-gamma-7) that is required for adenylyl cyclase activity in the striatum.

Aliases: GNG7 antibody, GNGT7 antibody, Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 antibody

UniProt: [O60262](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

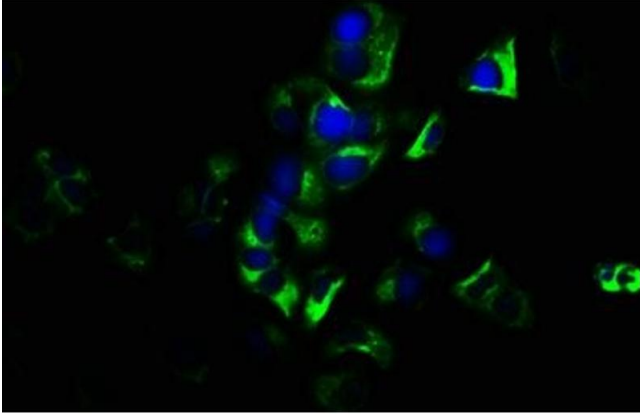
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.



Immunofluorescence

Image 1. Immunofluorescence staining of MCF-7 cells with ABIN7154680 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).