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Datasheet for ABIN7154681  
**anti-GNG7 antibody (AA 2-65) (Biotin)**

### Overview

Quantity:	100 µg
Target:	GNG7
Binding Specificity:	AA 2-65
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG7 antibody is conjugated to Biotin
Application:	ELISA

### 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 ( <a href="#">GNG7 Products</a> )
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or

## Target Details

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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

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UniProt: [O60262](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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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.