

Datasheet for ABIN6262017  
**anti-GNG13 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	GNG13 (GNg13)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human GNG13, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	GNG13 Antibody detects endogenous levels of total GNG13.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	GNG13 (GNg13)
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## Target Details

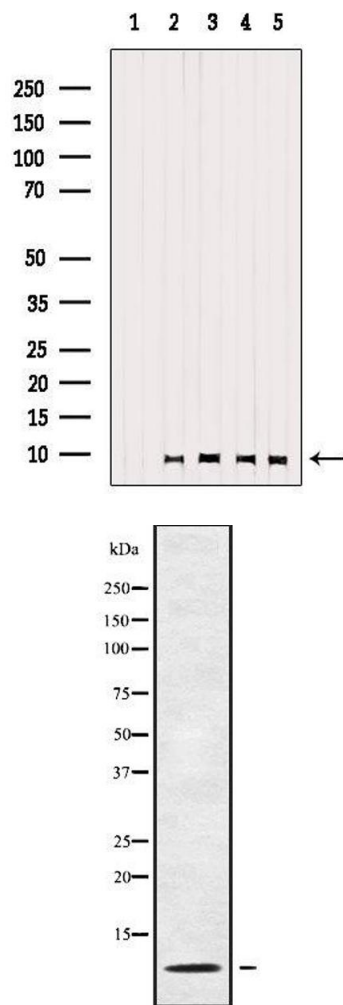
Alternative Name:	GNG13 ( <a href="#">GNg13 Products</a> )
Background:	<p>Description: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.</p> <p>Gene: GNG13</p>
Molecular Weight:	8 kDa
Gene ID:	51764
UniProt:	<a href="#">Q9P2W3</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

Application Notes:	WB 1:1000-3000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from various samples, using GNG13 Antibody. Lane 1: Mouse brain treated with blocking peptide; Lane 2: Mouse brain;Lane 3: MCF7;Lane 4: 3T3;Lane 5: HepG2.

Western Blotting

**Image 2.** Western blot analysis GNG13 using HuvEc whole cell lysates