

Datasheet for ABIN6243817  
**anti-GNG12 antibody (AA 37-68)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	GNG12
Binding Specificity:	AA 37-68
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This GNG12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 37-68 amino acids from human GNG12.
Clone:	RB54056
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	GNG12
Alternative Name:	GNG12 ( <a href="#">GNG12 Products</a> )

## Target Details

Background:	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.
Molecular Weight:	8006
UniProt:	<a href="#">Q9UBI6</a>

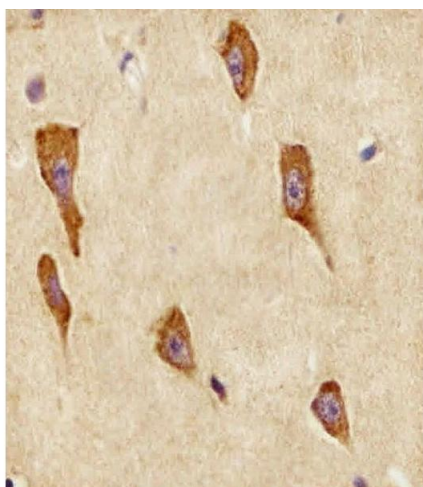
## Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:25
Restrictions:	For Research Use only

## Handling

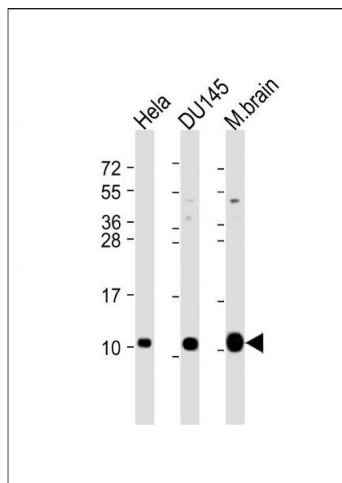
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6243817 and ABIN6578505) staining GNG12 in human brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



### Western Blotting

**Image 2.** All lanes : Anti-GNG12 Antibody (C-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: D whole cell lysate Lane 3: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 8 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.