

Datasheet for ABIN6262023
anti-GNG8 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GNG8
Binding Specificity:	Internal Region
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human GNG8, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	GNG8 Antibody detects endogenous levels of total GNG8.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GNG8
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Target Details

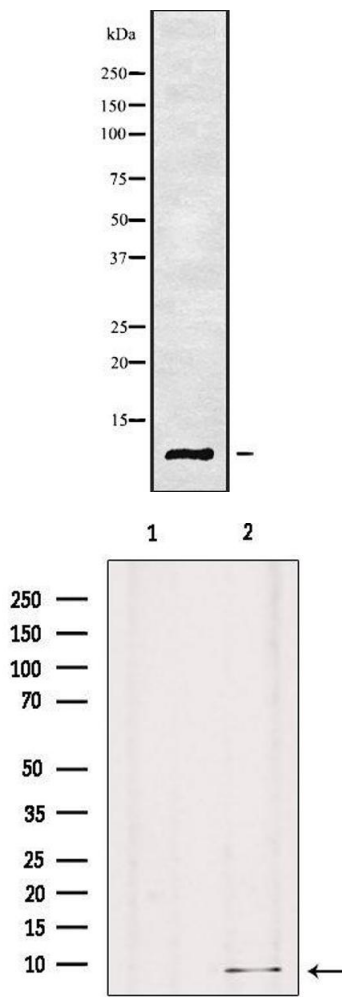
Alternative Name:	GNG8 (GNG8 Products)
Background:	<p>Description: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.</p> <p>Gene: GNG8</p>
Molecular Weight:	8 kDa
Gene ID:	94235
UniProt:	Q9UK08
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, 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 GNG8 using HeLa whole cell lysates

Western Blotting

Image 2. Western blot analysis of extracts from mouse brain, using GNG8 Antibody. Lane 1 was treated with the blocking peptide.