

Datasheet for ABIN7443329
anti-GNG8 antibody (AA 1-70)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GNG8
Binding Specificity:	AA 1-70
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to G Protein Gamma 8 (GNg8)
Immunogen:	Recombinant G Protein Gamma 8 (GNg8) corresponding to Met1~Leu70 (Accession # P63078) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GNg8. It has been selected for its ability to recognize GNg8 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

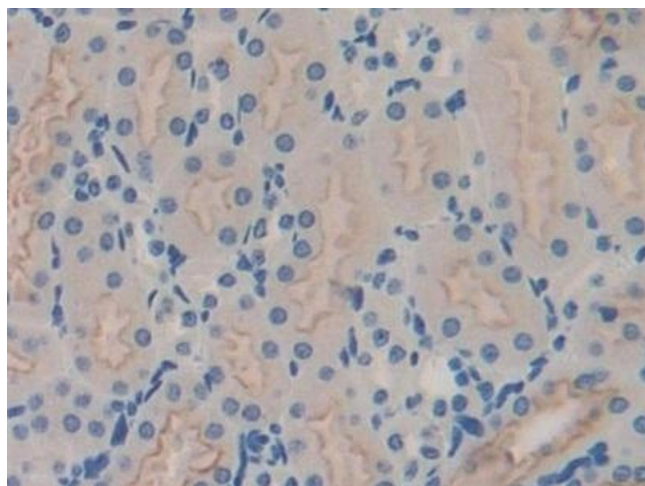
Target:	GNG8
Alternative Name:	G Protein Gamma 8 (GNG8 Products)
Background:	Guanine GNGT9, Nucleotide Binding Protein Gamma 8, Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-8
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:470-1900 Immunohistochemistry: 5-20 µg/mL 1:47-190 Immunocytochemistry: 5-20 µg/mL 1:47-190 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

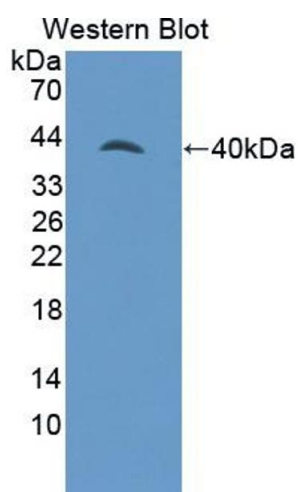
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



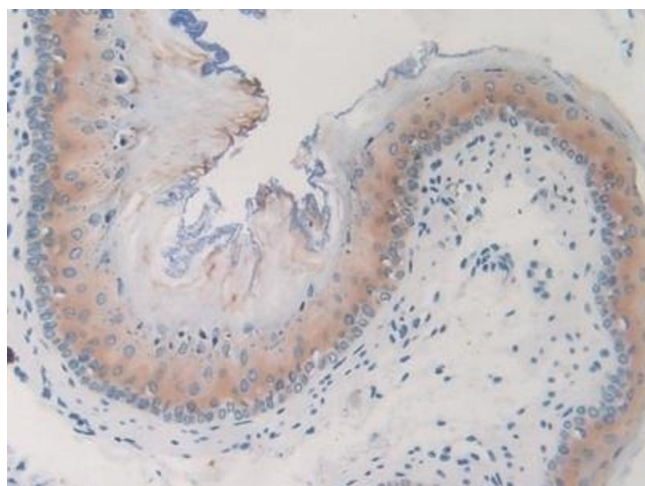
Immunohistochemistry

Image 1. Detection of GNg8 in Mouse Kidney Tissue using Polyclonal Antibody to G Protein Gamma 8 (GNg8)



Western Blotting

Image 2. Detection of Recombinant GNg8, Mouse using Polyclonal Antibody to G Protein Gamma 8 (GNg8)



Immunohistochemistry

Image 3. Detection of GNg8 in Mouse Esophagus Tissue using Polyclonal Antibody to G Protein Gamma 8 (GNg8)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7443329.