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# anti-GNB2 antibody (AA 2-340)

3 Images



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#### Overview

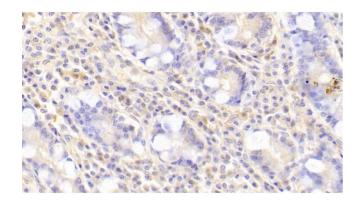
Quantity:	100 μL
Target:	GNB2
Binding Specificity:	AA 2-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Polyclonal Antibody to G Protein Beta 2 (GNb2)
Immunogen:	Recombinant G Protein Beta 2 (GNb2) corresdonding to Ser2~Asn340 (Accession # P62879)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GNb2. It has been selected for its ability to recognize GNb2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

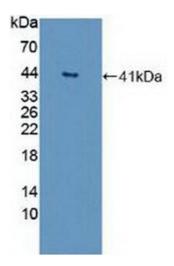
# **Target Details**

rarget Details	
Target:	GNB2
Alternative Name:	G Protein Beta 2 (GNB2 Products)
Background:	Guanine Nucleotide-Binding Protein $G(I)/G(S)/G(T)$ Beta Subunit 2, Signal-Transducing Guanine Nucleotide-Binding Regulatory Protein Beta Subunit, Transducin Beta Chain 2
Pathways:	Myometrial Relaxation and Contraction
Application Details	
Application Notes:	Western blotting: 1-5 $\mu$ g/mL Immunocytochemistry in formalin fixed cells: 5-20 $\mu$ g/mL Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu$ g/mL Immunohistochemistry in paraffin section: 5-20 $\mu$ g/mL Enzyme-linked Immunosorbent Assay: 0.05-2 $\mu$ g/mL 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



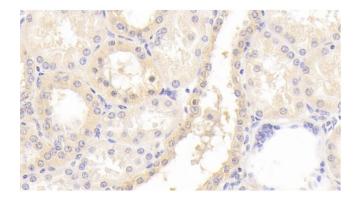
## **Immunohistochemistry**

**Image 1.** Detection of GNb2 in Human Small intestine Tissue using Polyclonal Antibody to G Protein Beta 2 (GNb2)



## **Western Blotting**

Image 2. Detection of Recombinant GNb2, Human using Polyclonal Antibody to G Protein Beta 2 (GNb2)



# **Immunohistochemistry**

Image 3. Detection of GNb2 in Human Kidney Tissue using Polyclonal Antibody to G Protein Beta 2 (GNb2)