



[Go to Product page](#)

Datasheet for ABIN751488

## anti-GNB2 antibody (AA 121-220) (Cy5.5)

### Overview

Quantity:	100 µL
Target:	GNB2
Binding Specificity:	AA 121-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB2 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein beta 2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	GNB2
Alternative Name:	G protein beta 2/GNB2 ( <a href="#">GNB2 Products</a> )

## Target Details

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**Background:** Synonyms: G protein beta 2 subunit, G protein subunit beta 2, G protein, beta 2 subunit, Gnb2l1, guanine nucleotide binding protein G protein, beta polypeptide 2, Guanine nucleotide binding protein beta 2 subunit, Guanine nucleotide binding protein G I G S G T beta 2 subunit 2, Guanine nucleotide binding protein G protein beta polypeptide 2, guanine nucleotide binding protein, beta 2 subunit, RACK1, Receptor for activated C kinase, Receptor of activated protein kinase C 1, signal transducing guanine nucleotide binding regulatory protein beta, Transducin beta chain 2, OTTHUMP00000174601, OTTHUMP00000174602, GBB2\_HUMAN.

Background: GNB2 belongs to the WD repeat G protein beta family. 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.

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**Gene ID:** 2783

**Pathways:** [Myometrial Relaxation and Contraction](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months