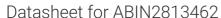
# antibodies -online.com





# anti-GNB3 antibody (AA 81-180) (Alexa Fluor 594)



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	N/P	r\/	i⊢₩

Quantity:	100 μL	
Target:	GNB3	
Binding Specificity:	AA 81-180	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GNB3 antibody is conjugated to Alexa Fluor 594	
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 3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## **Target Details**

Target:	GNB3	
Alternative Name:	G protein beta 3/GNB3 (GNB3 Products)	
Background:	Synonyms: Gnb3, Guanine nucleotide binding protein G protein, beta polypeptide 3, Guanin	

nucleotide binding protein G, Hypertension associated protein, IG, SG, Transducin beta chain 3,
Tsubunit beta 3, GBB3_HUMAN.

Background: G proteins are composed of 3 units, alpha, beta and gamma and are involved in the modulation and transduction of various transmembrane signalling systems. There are families of related genes for each subunit. GNB3 encodes a beta subunit. Beta subunits are required for GTPase activity, for replacement of GDP by GTP, regulate alpha subunits and for G protein-effector interactions. A single-nucleotide polymorphism (C825T) in this gene is associated with essential hypertension and obesity and is also associated with the occurrence of the splice variant GNB3-s, which appears to have increased activity.

Gene ID: 2784

Pathways: Peptide Hormone Metabolism, Myometrial Relaxation and Contraction

### **Application Details**

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

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months