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Datasheet for ABIN898003

anti-GNB2 antibody (AA 121-220) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	GNB2
Binding Specificity:	AA 121-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB2 antibody is conjugated to Alexa Fluor 647
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 (GNB2 Products)

Target Details

Background:	<p>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.</p> <p>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.</p>
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Gene ID:	2783
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Pathways:	Myometrial Relaxation and Contraction
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Application Details

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
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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