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Datasheet for ABIN5003717

anti-GNB1L antibody (AA 101-200) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	GNB1L
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB1L antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNB1L
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse, Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	GNB1L
Alternative Name:	GNB1L (GNB1L Products)
Background:	Synonyms: DGCRK3, ESTM55, fb98e06, fj09d12, FKSG1, G-protein beta subunit-like protein,

Target Details

guanine nucleotide binding protein G protein, beta polypeptide 1-like, guanine nucleotide binding protein beta-subunit-like polypeptide, GY2, KIAA1645, WDR14, WDVCF, wu:fb98e06, wu:fj09d12, zgc:55774.

Background: This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chromosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disorders. Transcripts from this gene share exons with some transcripts from the C22orf29 gene. [provided by RefSeq, Jul 2008].

Gene ID: 54584

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