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Datasheet for ABIN4907496

**anti-CBY1/PGEA1 antibody (AA 51-126) (Alexa Fluor 594)**

## Overview

Quantity:	100 µL
Target:	CBY1/PGEA1 (CBY1)
Binding Specificity:	AA 51-126
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBY1/PGEA1 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 CBY1
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	CBY1/PGEA1 (CBY1)
Alternative Name:	CBY1 ( <a href="#">CBY1 Products</a> )
Background:	Synonyms: CBY, arb1, PGEA1, C22orf2, PIGEA14, PIGEA-14, HS508I15A, Protein chibby

## Target Details

homolog 1, ARPP-binding protein, Cytosolic leucine-rich protein, PKD2 interactor, Golgi and endoplasmic reticulum-associated 1, CBY1, HRIHFB2025

Background: Inhibits the Wnt/Wingless pathway by binding to CTNNB1/beta-catenin and inhibiting beta-catenin-mediated transcriptional activation through competition with TCF/LEF transcription factors. Has also been shown to play a role in regulating the intracellular trafficking of polycystin-2/PKD2 and possibly of other intracellular proteins. Promotes adipocyte and cardiomyocyte differentiation.

Gene ID: 25776

UniProt: [Q9Y3M2](#)

## 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