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## Datasheet for ABIN7112690 **anti-CBY1/PGEA1 antibody**

### Overview

Quantity:	100 µg
Target:	CBY1/PGEA1 (CBY1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBY1/PGEA1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Immunogen:	chibby homolog 1(Drosophila)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	CBY1/PGEA1 (CBY1)
Alternative Name:	CBY1 ( <a href="#">CBY1 Products</a> )
Background:	Synonyms:ARB1, C22orf2, CBY, PGEA1 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

## Target Details

	proteins. Promotes adipocyte and cardiomyocyte differentiation.
Molecular Weight:	30-35 kDa
Gene ID:	25776
UniProt:	<a href="#">Q9Y3M2</a>

## Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months