



Rabbit Anti-CBY1 antibody

SL20164R

Product Name:	CBY1
Chinese Name:	富含亮氨酸胞浆蛋白CBY1抗体
Alias:	PGEA1; CBY1; C22orf2; CBY; Cytosolic leucine rich protein; HRIHFB2025; PIGEA 14; PIGEA-14; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; Protein Chibby.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	14kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CBY1:51-126/126
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Beta-catenin is a transcriptional activator and oncoprotein involved in the development of several cancers. The protein encoded by this gene interacts directly with the C-terminal region of beta-catenin, inhibiting oncogenic beta-catenin-mediated transcriptional activation by competing with transcription factors for binding to beta-catenin. Two transcript variants encoding different isoforms have been found for this

gene. [provided by RefSeq, Jul 2008]

Function:

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.

Subunit:

Homodimer. Interacts with polycystin-2/PKD2 and GM130. Interacts with the C-terminal region of beta-catenin.

Subcellular Location:

Nucleus speckle. Golgi apparatus, trans Golgi network. Note: Nuclear, in a punctate manner. Also found in the trans Golgi.

DISEASE:

Widely expressed. Expressed at higher levels in heart, skeletal muscle, kidney and placenta. Also found in brain, lung, liver and testis. Significantly down-regulated in thyroid and metastatic uterine tumors.

Similarity:

Belongs to the chibby family.

SWISS:

Q9Y3M2

Gene ID:

25776

Database links:

[Entrez Gene: 25776](#) Human

[SwissProt: Q9Y3M2](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.