



CBY1 rabbit pAb

Catalog No	BYab-11232
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	CBY1 ARB1 C22orf2 CBY PGEA1 HRIHFB2025
Protein Name	CBY1
Immunogen	Synthesized peptide derived from human CBY1 AA range: 71-121
Specificity	This antibody detects endogenous levels of CBY1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus speckle . Cytoplasm, cytoskeleton, cilium basal body . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Golgi apparatus. Golgi apparatus, trans-Golgi network .
Tissue Specificity	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.
Function	function:Inhibits the Wnt/Wingless pathway by binding to 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.,miscellaneous:Chibby is Japanese for 'small'; the gene was so named for the RNAi phenotype seen in flies.,similarity:Belongs to the chibby family.,subcellular location:Nuclear, in a punctate manner. Also found in the trans-Golgi.,subunit:Homodimer; interacts with polycystin-2/PKD2 and GM130.

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	Interacts with the C-terminal region of beta-catenin.,tissue specificity:Widely expressed. Expressed at higher levels in heart, skeletal muscle, kidney and placenta. Also found in brain, lung, liver and testis. Signif
Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

