



# Anti-CBY1 (aa 18-126) polyclonal antibody (DPAB-DC1240)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	CBY1 (NP_056188, 18 a.a. ~ 126 a.a) partial recombinant protein with GST tag. The sequence is SASLSNLHSLDRSTREVELGLEYGSPMTMNLAGQSLKFENGQWIAETGVSGGVDRREVQRL RRRNQQLEEENLLRLKVDILLDMLSESTAESHLMEKELDELRLSRKRK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CBY1 chibby homolog 1 (Drosophila) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CBY1
<b>Synonyms</b>	CBY1; chibby homolog 1 (Drosophila); CBY; arb1; PGEA1; C22orf2; PIGEA14; PIGEA-14; HS508I15A; protein chibby homolog 1; ARPP-binding protein; coiled-coil protein PIGEA-14; cytosolic leucine-rich protein; chibby CTNNB1-mediated transcription inhibitor; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; PKD2 interactor, golgi and endoplasmic reticulum associated 1; polycystin-2 interactor, Golgi- and endoplasmic reticulum-associated protein, 14 kDa;
<b>Entrez Gene ID</b>	<a href="#">25776</a>
<b>Protein Refseq</b>	<a href="#">NP_001002880</a>
<b>UniProt ID</b>	<a href="#">A0A087WUW0</a>
<b>Chromosome Location</b>	22q12
<b>Pathway</b>	Regulation of Wnt-mediated beta catenin signaling and target gene transcription; Signaling by Wnt; deactivation of the beta-catenin transactivating complex;
<b>Function</b>	beta-catenin binding; identical protein binding; protein binding;