

Rabbit anti-Human HRIHFB2025 Polyclonal Antibody | anti-CBY1 antibody

HRIHFB2025 Antibody (C-term)

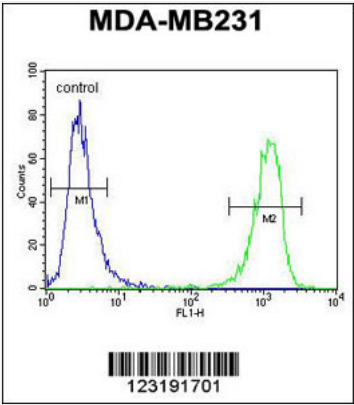
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286340	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

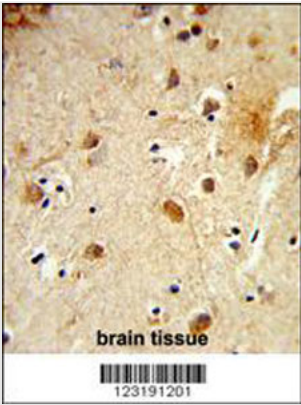
HRIHFB2025; Polyclonal Antibody; HRIHFB2025 Antibody (C-term); Protein chibby homolog 1; ARPP-binding protein; Cytosolic leucine-rich protein; PIGEA-14; PKD2 interactor; Golgi and endoplasmic reticulum-associated 1; CBY1; ARB1; C22orf2; CBY; PGEA1; anti-CBY1 antibody

PRODUCT SPECIFICATIONS

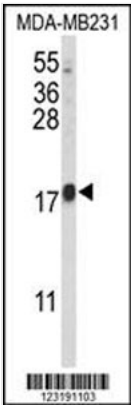
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HRIHFB2025 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-126 amino acids from the C-terminal region of human HRIHFB2025.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	98-126
Sequence Length	169
Applicable Applications for anti-CBY1 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus speckle. Golgi apparatus, trans- Golgi network. Note=Nuclear, in a punctate manner. Also found in the trans-Golgi
Tissue Location	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	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.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HRIHFB2025 Antibody (C-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with HRIHFB2025 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HRIHFB2025 Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). HRIHFB2025 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CBY1 antibody	Inhibits the Wnt/Wingless pathway by binding to beta catenin and inhibiting beta catenin mediated transcriptional activation by competing 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.
Product Categories/Family for anti-CBY1 antibody	Signal Transduction
References	Gauci S., et.al., Anal. Chem. 81:4493-4501(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	389886564
NCBI GeneID	25776
NCBI Accession #	NP_001002880.2; NP_056188.1
NCBI GenBank Nucleotide #	NM_001002880.1
UniProt Accession #	Q9Y3M2; Q66GT6; Q9UIK9; B2R4S2
NCBI Official Full Name	protein chibby homolog 1 isoform b

NCBI Official Synonym Full Names	chibby homolog 1 (Drosophila)
NCBI Official Symbol	CBY1
NCBI Official Synonym Symbols	CBY; arb1; PGEA1; C22orf2; PIGEA14; PIGEA-14; HS508I15A
NCBI Protein Information	protein chibby homolog 1
UniProt Protein Name	Protein chibby homolog 1
UniProt Gene Name	CBY1
UniProt Synonym Gene Names	ARB1; C22orf2; CBY; PGEA1
UniProt Entry Name	CBY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hrihfb2025-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286340>