

**HRIHFB2025 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9148B****Specification**

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**HRIHFB2025 Antibody (C-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">Q9Y3M2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	98-126

**HRIHFB2025 Antibody (C-term) - Additional Information****Gene ID** 25776**Other Names**

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

**Target/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.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**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.

**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.

**Precautions**

HRIHFB2025 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HRIHFB2025 Antibody (C-term) - Protein Information****Name** CBY1**Synonyms** ARB1, C22orf2, CBY, PGEA1

**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.

**Cellular Location**

Nucleus speckle. Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Golgi apparatus. Golgi apparatus, trans-Golgi network

**Tissue Location**

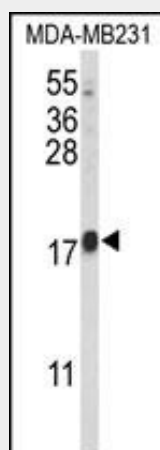
Widely expressed. Expressed at higher levels in heart, skeletal muscle, kidney and placenta. Also found in brain, lung, liver and testis. Significantly down-regulated in thyroid and metastatic uterine tumors.

**HRIHFB2025 Antibody (C-term) - Protocols**

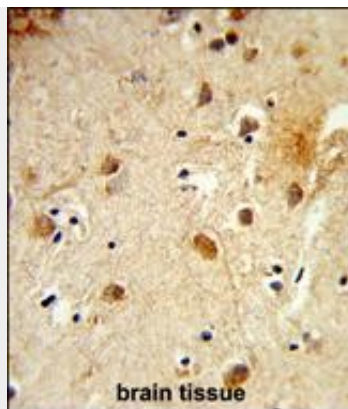
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

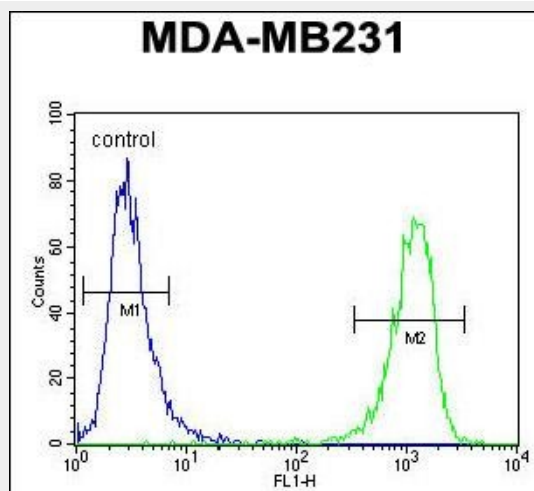
**HRIHFB2025 Antibody (C-term) - Images**



Western blot analysis of HRIHFB2025 Antibody (C-term) (Cat. #AP9148b) in MDA-MB231 cell line lysates (35ug/lane). HRIHFB2025 (arrow) was detected using the purified Pab.



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.



HRIHFB2025 Antibody (C-term) (Cat. #AP9148b) 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.

#### **HRIHFB2025 Antibody (C-term) - Background**

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.

#### **HRIHFB2025 Antibody (C-term) - References**

Gauci S., et.al., Anal. Chem. 81:4493-4501(2009).

#### **HRIHFB2025 Antibody (C-term) - Citations**

- [Combined Chibby and  \$\beta\$ -Catenin Predicts Clinical Outcomes in Patients with Hepatocellular Carcinoma](#)
- [Identification of cisplatin-resistance related genes in head and neck squamous cell carcinoma.](#)