

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

HRIHFB2025 Antibody (C-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	Q9Y3M2
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

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

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 (PubMed:[12712206](#), PubMed:[19435523](#)). Has also been shown to play a role in regulating the intracellular trafficking of polycystin-2/PKD2 and possibly of other intracellular proteins (PubMed:[15194699](#)). Promotes adipocyte and cardiomyocyte differentiation (By similarity).

Cellular Location

Nucleus speckle. Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Golgi apparatus. Golgi apparatus, trans-Golgi network. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D1C2}. Cytoplasm. Nucleus

Tissue Location

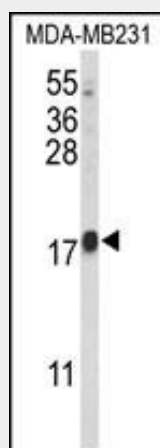
Widely expressed. Expressed at higher levels in heart, skeletal muscle, kidney and placenta. Also found in brain, lung, liver and testis. Significantly down-regulated in thyroid and metastatic uterine tumors.

HRIHFB2025 Antibody (C-term) - Protocols

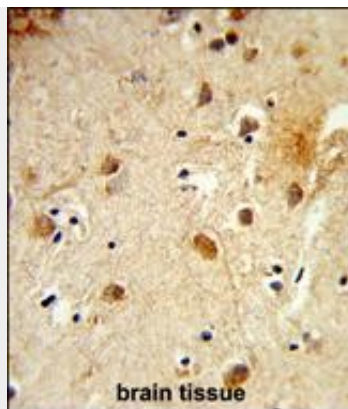
Provided below are standard protocols that you may find useful for product applications.

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

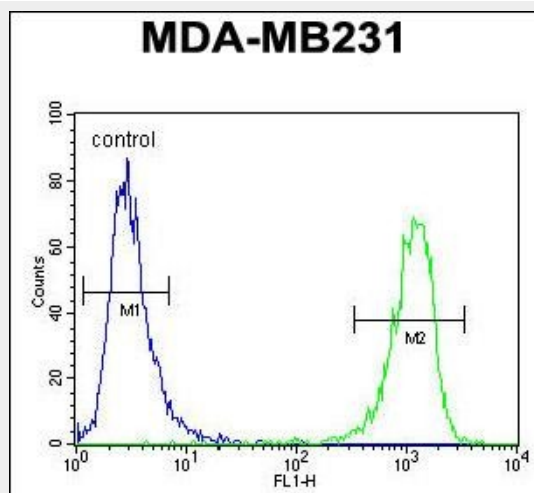
HRIHFB2025 Antibody (C-term) - Images



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.](#)