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Datasheet for ABIN653093

anti-CBY1/PGEA1 antibody (C-Term)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	CBY1/PGEA1 (CBY1)
Binding Specificity:	AA 98-126, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBY1/PGEA1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB23191
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CBY1/PGEA1 (CBY1)
Alternative Name:	HRIHFB2025 (CBY1 Products)

Target Details

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.
Molecular Weight:	14470
Gene ID:	25776
NCBI Accession:	NP_001002880 , NP_056188
UniProt:	Q9Y3M2

Application Details

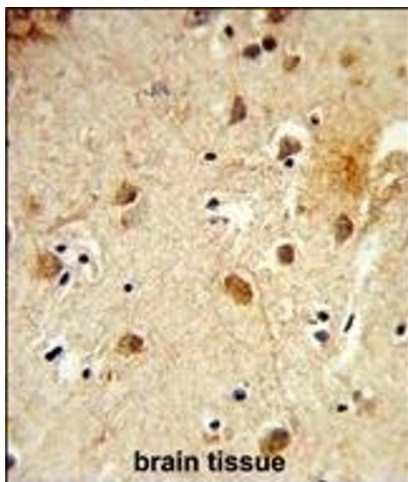
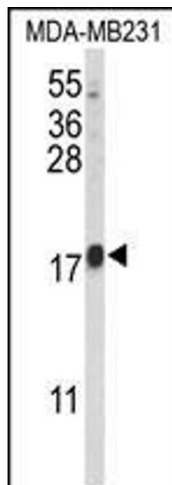
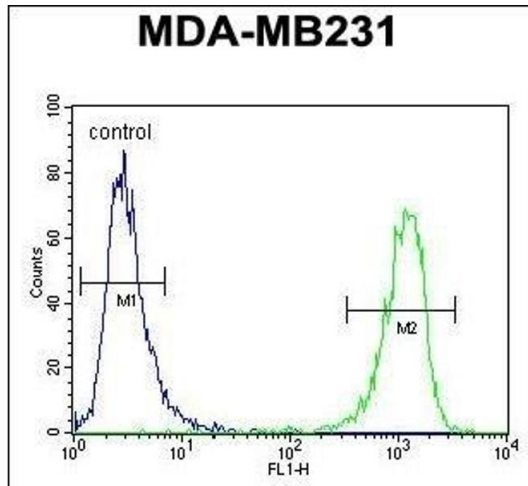
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Meller, VAN Ellen, Gevensleben, Bicker, Hankeln, Gorr, Sailer, Dröge, Schröck, Bootz, Schröck, Perner, Dietrich, Kristiansen: "Ectopic Myoglobin Expression Is Associated with a Favourable Outcome in Head and Neck Squamous Cell Carcinoma Patients." in: Anticancer research , Vol. 36, Issue 12, pp. 6235-6241, (2017) (PubMed).
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Flow Cytometry

Image 1. HRIHF Antibody (C-term) (ABIN653093 and ABIN2842686) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of HRIHF Antibody (C-term) (ABIN653093 and ABIN2842686) in MDA-M cell line lysates (35 µg/lane). HRIHF (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with HRIHF 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.