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Datasheet for ABIN7126398 **anti-ZHX3 antibody**

Overview

Quantity:	100 µg
Target:	ZHX3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZHX3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Coating (Coat), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human ZHX3 protein
Isotype:	IgG2a
Specificity:	Zinc-fingers and homeobox (ZHX) proteins are transcription factors that interact with the activation domain of the A subunit of nuclear factor-Y (NF-YA). ZHX1-3 are ubiquitously expressed proteins expressed in various tissues. They act as transcriptional repressors and localize to the nucleus. The ZHX proteins contain two Cys2-His2-type zinc-finger motifs and five homeodomains (HDs). These domains allow the ZHX proteins to form homodimers, but they can also form heterodimers with each other. However, this dimerization is not required for repressor activity. Hypermethylation-mediated silencing of ZHX2 is an epigenetic event involved in hepatocellular carcinoma (HCC).
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: ZHX3

Alternative Name: ZHX3 ([ZHX3 Products](#))

Background: KIAA0395, TIX1, Triple homeobox protein 1, ZHX 3, Zhx3, Zinc finger and homeodomain protein 3, Zinc fingers and homeoboxes protein 3,ZHX3 (Transcriptional Repressor)
Cellular localisation: Nucleus.

Molecular Weight: 105kDa

Gene ID: 23051, 380133

UniProt: [Q9H4I2](#)

Application Details

Application Notes: Known_Application: ELISA (For coating, order antibody without BSA), Immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 mL of cell lysate)), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Positive_Control: Human kidney, brain or thyroid.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months