



ZHX1, CT (ZHX1, Zinc fingers and homeoboxes protein 1) (FITC)

Catalog number

044082-FITC

Supplier

USBiological

The members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2-type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 1 of this gene family. In addition to forming homodimers, this protein heterodimerizes with members 2 and 3 of the zinc fingers and homeoboxes family. Alternative splicing results in multiple transcript variants encoding the same protein.

Applications

Suitable for use in Western Blot, FLISA

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

ZHX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 770-800 amino acids from the C-terminal region of human ZHX1.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human

Product Type



Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu

Storage

-20°C

Detection Method

FITC

Reference

Wienk, H., et al. *Biochemistry* 48(21):4431-4439(2009)

Rikova, K., et al. *Cell* 131(6):1190-1203(2007)

Matsuoka, S., et al. *Science* 316(5828):1160-1166(2007)

Kim, S.H., et al. *Biochem. Biophys. Res. Commun.* 355(2):318-323(2007)

Liu, G., et al. *J. Biol. Chem.* 281(51):39681-39692(2006)