



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

Catalog number

044082

Supplier

United States Biological

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, ELISA

Recommended Dilution

ELISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

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, 0.09% sodium azide.

Purity

Purified by Protein A affinity chromatography.

Specificity

Human

Product Type

Pab

Source

human

Isotype



IgG

Grade

Affinity Purified

Applications

E WB

Crossreactivity

Hu

Storage

-20°C

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)