

ZFX Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13564c

Specification

ZFX Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P17010
Other Accession	NP_001171556.1 , NP_001171557.1 , NP_003401.2 , NP_001171555.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	90522
Antigen Region	288-317

ZFX Antibody (Center) - Additional Information

Gene ID 7543

Other Names

Zinc finger X-chromosomal protein, ZFX

Target/Specificity

This ZFX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-317 amino acids from the Central region of human ZFX.

Dilution

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

ZFX Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZFX Antibody (Center) - Protein Information

Name ZFX

Function Probable transcriptional activator.

Cellular Location

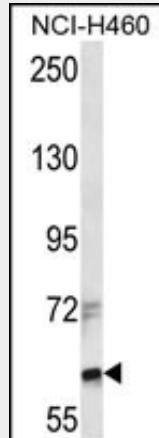
Nucleus.

ZFX Antibody (Center) - 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](#)

ZFX Antibody (Center) - Images



ZFX Antibody (Center) (Cat. #AP13564c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ZFX antibody detected the ZFX protein (arrow).

ZFX Antibody (Center) - Background

This gene on the X chromosome is structurally similar to a related gene on the Y chromosome. It encodes a member of the krueppel C2H2-type zinc-finger protein family. The full-length protein contains an acidic transcriptional activation domain (AD), a nuclear localization sequence (NLS) and a DNA binding domain (DBD) consisting of 13 C2H2-type zinc fingers. Studies in mouse embryonic and adult hematopoietic stem cells showed that this gene was required as a transcriptional regulator for self-renewal of both stem cell types, but it was dispensable for growth and differentiation of their progeny. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, but the full-length nature of some variants has not been determined.

ZFX Antibody (Center) - References

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Poloumienko, A. Genome 47(1):74-83(2004)
Agate, R.J., et al. Mol. Biol. Evol. 21(2):384-396(2004)
Murphy, W.J., et al. Nature 409(6820):614-618(2001)
Taylor, D.M., et al. Mol. Reprod. Dev. 48(4):442-448(1997)