

ZFX Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13564c**Specification**

ZFX Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P17010](#)**ZFX Antibody (Center) Blocking peptide - Additional Information****Gene ID** 7543**Other Names**

Zinc finger X-chromosomal protein, ZFX

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13564c was selected from the Center region of ZFX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZFX Antibody (Center) Blocking peptide - Protein Information**Name** ZFX**Function**

Probable transcriptional activator.

Cellular Location

Nucleus.

ZFX Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ZFX Antibody (Center) Blocking peptide - Images

ZFX Antibody (Center) Blocking peptide - 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) Blocking peptide - 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)