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ZFX Antibody
Catalog # ASC11473

Specification

ZFX Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	P17010
Other Accession	NP_003401, 71061446
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**ZFX antibody can be used for detection of ZFX by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.**

ZFX Antibody - Additional Information

Gene ID **7543**

Target/Specificity
ZFX; ZFX antibody is human specific. Multiple isoforms of ZFX are known to exist..

Reconstitution & Storage
ZFX antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
ZFX Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ZFX Antibody - Protein Information

Name ZFX

Function
Probable transcriptional activator.

Cellular Location
Nucleus.

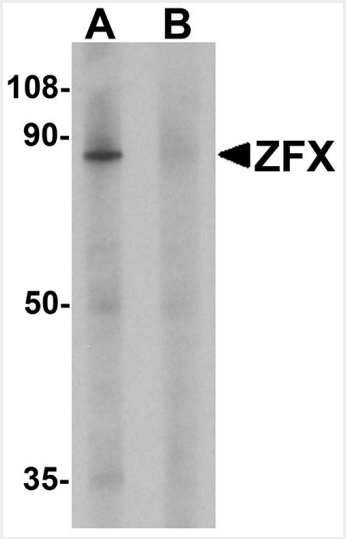
ZFX Antibody - Protocols

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

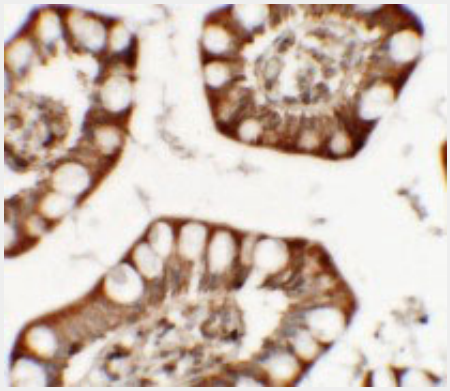
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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZFX Antibody - Images

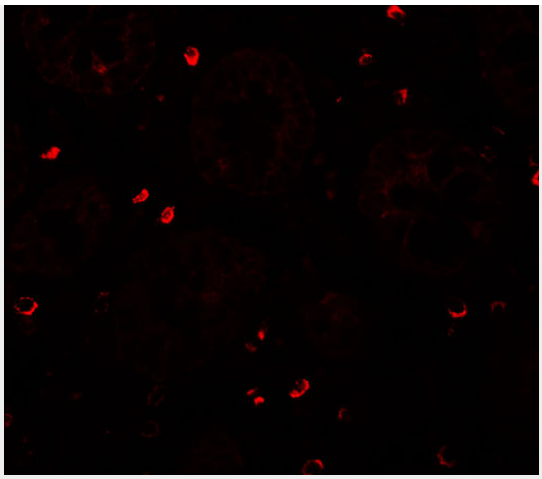


Western blot analysis of ZFX human small intestine tissue lysate with ZFX antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZFX in human small intestine tissue with ZFX antibody at 5 µg/mL.

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Immunofluorescence of ZFX in human small intestine tissue with ZFX antibody at 20 µg/mL.

ZFX Antibody - Background

ZFX Antibody: The X-linked zinc finger protein ZFX is a member of the Kruppel 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.

ZFX Antibody - References

Schneider-Gadicke A, Beer-Romero P, Brown LG, et al. Putative transcription activator with alternative isoforms encoded by human ZFX gene. Nature 1989; 342:708-11.
Galan-Caridad JM, Harel S, Arenzana TL, et al. Zfx controls the self-renewal of embryonic and hematopoietic stem cells. Cell 2007; 129:345-57.
Arenzana TL, Smith-Raska MR, and Reizis B. Transcription factor Zfx controls BCR-induced proliferation and survival of B lymphocytes. Blood 2009; 113:5857-67