bs-12306R **[Primary Antibody]**

ZFX Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 7543 **SWISS:** P17010

Target: ZFX

Immunogen: KLH conjugated synthetic peptide derived from human ZFX: 401-500/805.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zfy1 (zinc finger protein 1, Y linked), also known Zfy-1 is a 782 amino acid nuclear protein belonging to the Krüppel C2H2-type zinc-finger protein family and the ZFX/ZFY subfamily. Containing thirteen C2H2-type zinc fingers, Zfy1 is expressed in the genital ridge and adult testis and may be a probable transcription activator. The gene encoding Zfy1 maps to mouse chromosome Y.

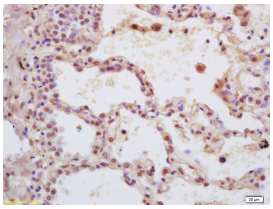
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat, Sheep, Cow, Dog)

Predicted MW.: 90 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ZFX Polyclonal Antibody, Unconjugated(bs-12306R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=2.886]** Jiancong Lu. et al. Circ_0020123 Increases ZFX Expression to Facilitate Non-Small Cell Lung Cancer Progression by Sponging miR-142-3p. Cancer Manag Res. 2021; 13: 1687–1698 WB ;Human. 33633466
- **[IF=1.706]** Yang et al. Zinc finger protein x-linked (ZFX) contributes to patient prognosis, cell proliferation and apoptosis in human laryngeal squamous cell carcinoma. (2016) Int.J.Clin.Exp.Pathol. 8:13886-99 IHC ;Human.

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