bs-5971R

[Primary Antibody]

Bioss ANTIBODIES

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Plzf Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 7704 **SWISS:** Q05516

Target: Plzf

Immunogen: KLH conjugated synthetic peptide derived from human Plzf:

581-673/673.

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: Probable transcription factor. May play a role in myeloid

maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target

proteins.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse

(predicted: Rat, Cow, Dog,

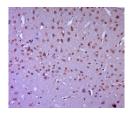
Horse)

Predicted 74

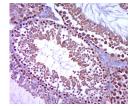
MW.: ^{74 kDa}

Subcellular Nucleus **Location:**

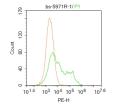
VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Plzf) Polyclonal Antibody, Unconjugated (bs-5971R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Plzf) Polyclonal Antibody, Unconjugated (bs-5971R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Blank control: Molt4. Primary Antibody (green line): Rabbit Anti-PLZF antibody (bs-5971R) Dilution: $1\mu g$ /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: $1\mu g$ /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at at room temperature . Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

- SELECTED CITATIONS -

- [IF=16.6] Dong Danfeng. et al. Inflammasome activity is controlled by ZBTB16-dependent SUMOylation of ASC. NAT COMMUN. 2023 Dec;14(1):1-16 IF; Mouse. 38123560
- [IF=6.975] Meng-Fei Zhang. et al. Transcription factor Dmrt1 triggers the SPRY1-NF-κB pathway to maintain testicular immune homeostasis and male fertility. ZOOL RES. 2023 May 18; 44(3): 505–521 IF; Mouse. 37070575
- [IF=6.208] Baohui Yao. et al. Reproductive Suppression Caused by Spermatogenic Arrest: Transcriptomic Evidence

from a Non-Social Animal. INT J MOL SCI. 2023 Jan;24(5):4611 IHC; Zokor. 36902039

- [IF=5.076] Feng T et al. Melatonin Protects Goat Spermatogonial Stem Cells against Oxidative Damage during Cryopreservation by Improving Antioxidant Capacity and Inhibiting Mitochondrial Apoptosis PathwayOxid Med Cell Longev.2020 Dec 31;2020:5954635. IF; Goat. 33488926
- [IF=4.8] Meng-fei ZHANG. et al. MiR-21-5p ameliorates Busulfan-induced testicular dysfunction and maintains spermatogenesis1. J INTEGR AGR. 2024 Feb;: IF; GOat. 10.1016/j.jia.2024.02.004