

**bs-11609R****[ Primary Antibody ]****Zic1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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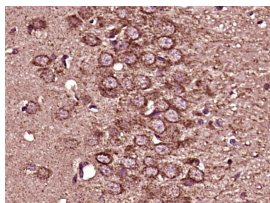
sales@bioss.com.cn

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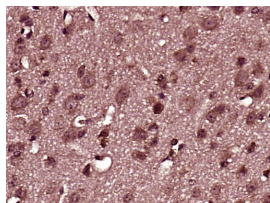
400-901-9800

**— DATASHEET —**

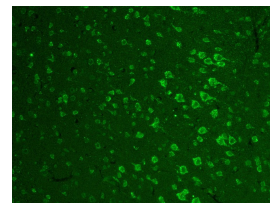
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Cow, Chicken)  <b>Predicted  MW.:</b> 48 kDa  <b>Subcellular  Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 7545	<b>SWISS:</b> Q15915	
<b>Target:</b> Zic1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Zic1: 201-286/447.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Zic1 is a C2H2 zinc finger transcription factor that controls the expansion of neuronal precursors by inhibiting the progression of neuronal differentiation. Zic1 determines the cerebellar folial pattern by influencing proliferation in the external germinal layer (EGL). Zic1 can bind and transactivate the apolipoprotein E gene. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 4, a related family member on chromosome 3.		

**— VALIDATION IMAGES —**

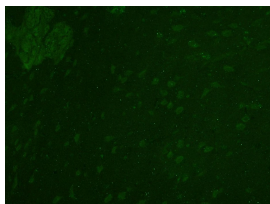
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Zic1) Polyclonal Antibody, Unconjugated (bs-11609R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (Zic1) Polyclonal Antibody, Unconjugated (bs-11609R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (Zic1) Polyclonal Antibody, Unconjugated (bs-11609R) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-FITC) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

incubation with (Zic1) Polyclonal Antibody,  
Unconjugated (bs-11609R) at 1:400 overnight at  
4°C, followed by a conjugated Goat Anti-Rabbit  
IgG antibody (bs-0295G-FITC) for 90 minutes,  
and DAPI for nuclei staining.

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## — SELECTED CITATIONS —

- **[IF=3.698]** Zhang YW et al. Roles and correlation of FOXA1 and ZIC1 in breast cancer. Curr Probl Cancer. 2020 Feb 21:100559. IHC, WB ;Human. 32115254
- **[IF=2.61]** Han et al. ZIC1 acts a tumor suppressor in breast cancer by targeting survivin. (2018) Int.J.Oncol. 53:937-948 WB ;Human. 29956756
- **[IF=2.558]** Shi CT et al. High Survivin and Low Zinc Finger of the Cerebellum 1 Expression Indicates Poor Prognosis in Triple-negative Breast Carcinoma. J Breast Cancer. 2019 Apr 19;22(2):248-259. IHC ;Human. 31281727
- **[IF=2.456]** Han W et al. Clinicopathologic and Prognostic Significance of the Zinc Finger of the Cerebellum Family in Invasive Breast Cancer. J Breast Cancer. 2018 Mar;21(1):51-61. IHC ;Human. 29628984