

bs-1299R**[Primary Antibody]****Bioss**
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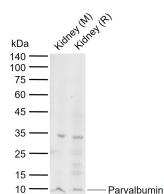
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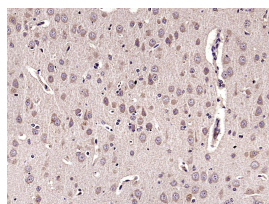
400-901-9800

Parvalbumin Rabbit pAb**— DATASHEET —**

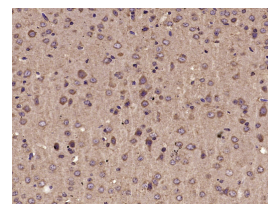
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5816	SWISS: P20472	IHC-F (1:100-500)
Target: Parvalbumin		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Parvalbumin: 7-110/110.		Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Chicken, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 12 kDa
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.		Subcellular Location: Extracellular matrix Nucleus
Background: The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Belongs to the parvalbumin family. Contains 2 EF-hand domains. This protein binds two calcium ions.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Kidney tissue lysates
Lane 2: Rat Kidney tissue lysates
Primary: Anti-Parvalbumin (bs-1299R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 12 kDa
Observed band size: 10 kDa



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (Parvalbumin) Polyclonal Antibody, Unconjugated (bs-1299R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (Parvalbumin) Polyclonal Antibody, Unconjugated (bs-1299R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.8]** Li Mingxing. et al. Caspase-1 affects chronic restraint stress-induced depression-like behaviors by modifying GABAergic dysfunction in the hippocampus. TRANSL PSYCHIAT. 2023 Jun;13(1):1-11 WB,IHC ;Mouse. 37369673
- **[IF=5.6]** Hong Huang. et al. FGF3 Directs the Pathfinding of Prethalamic GABAergic Axons. INT J MOL SCI. 2023 Jan;24(19):14998 IF ;Chicken. 37834446
- **[IF=2.21]** Qi et al. Interaction of basolateral amygdala, ventral hippocampus and medial prefrontal cortex regulates the consolidation and extinction of social fear. (2018) Behav.Brain.Funct. 14:7 Other ;Mouse. 29554926
- **[IF=1.68]** Chen J et al. Morphology of Inner Retina in Rhesus Monkeys of Various Ages: A Comparative Study.J Ophthalmol. 2019 Mar 3;2019:7089342. IF ;Monkey. 30944733