

bs-3692R**[Primary Antibody]****Neurogenin 2 Rabbit pAb****Bioss**
ANTIBODIES

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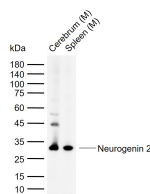
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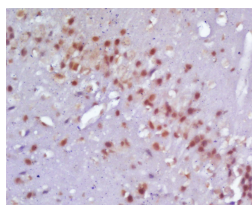
400-901-9800

— DATASHEET —

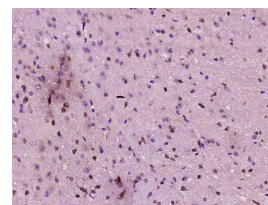
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 63973	SWISS: Q9H2A3	IHC-F (1:100-500)
Target: Neurogenin 2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Neurogenin 2: 101-200/272.		Reactivity: Mouse, Rat (predicted: Human, Cow, Chicken, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 30 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: Nucleus
Background: Neurogenin 2 is a helix-loop-helix class of transcription factor. Transcription factors with bHLH motifs modulate critical events in the development of the mammalian neocortex. The transition from proliferation to neurogenesis involves a coordinate increase in the activity of proneural bHLH factors, including Neurogenin 2 and a decrease in the activity of Hes and Id factors. bHLH factors have key roles in corticogenesis, affecting the timing of differentiation and the specification of cell fate.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Spleen tissue lysates
Primary: Anti-Neurogenin 2 (bs-3692R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 30 kDa
Observed band size: 30 kDa



Tissue/cell: rat brain tissue; 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-Neurogenin 2 Polyclonal Antibody, Unconjugated (bs-3692R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) 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 (Neurogenin 2) Polyclonal Antibody, Unconjugated (bs-3692R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.