

bs-0922R**[Primary Antibody]****Bioss**
ANTIBODIES

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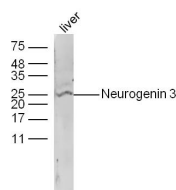
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Neurogenin3 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Sheep, Cow, Dog)
GeneID: 50674	SWISS: Q9Y4Z2	Predicted MW.: 23 kDa
Target: Neurogenin3		Subcellular Location: Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human NGN3: 61-160/214.		
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: Neurogenin-3 (NEUROG3) is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine (Wang et al., 2006 [PubMed 16855267]). It belongs to a family of basic helix-loop-helix transcription factors involved in the determination of neural precursor cells in the neuroectoderm.		

VALIDATION IMAGES

Sample: Liver(Mouse) Lysate at 30 ug Primary:
Anti-Neurogenin3 (bs-0922R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at
1/20000 dilution Predicted band size: 23 kD
Observed band size: 26 kD

SELECTED CITATIONS

- **[IF=7]** Xiufang Chen. et al. Glutathione Induces Keap1 S-Glutathionylation and Mitigates Oscillating Glucose-Induced β -Cell Dysfunction by Activating Nrf2. ANTIOXIDANTS-BASEL. 2024 Apr;13(4):400 WB ;Rat. 10.3390/antiox13040400
- **[IF=5.9]** Mayara da Nóbrega Baqueiro. et al. Sex-Dependent Variations in Hypothalamic Fatty Acid Profile and Neuropeptides in Offspring Exposed to Maternal Obesity and High-Fat Diet. NUTRIENTS. 2024 Jan;16(3):340 WB ;Mouse. 10.3390/nu16030340
- **[IF=2.08]** Jian, Ruo-Lei, et al. "Generation of insulin-producing cells from C3H10T1/2 mesenchymal progenitor cells." Gene (2015). WB ;="Mouse". 25724395
- **[IF=0]** Wenhuan Chai. et al. Visualizing Cathepsin K-Cre Expression at the Single-Cell Level with GFP Reporters. JBMR Plus. 2022 Dec;;e10706 IF ;Mouse. 36699636