

## Neurogenin3 Rabbit pAb

Catalog Number: bs-0922R

Target Protein: Neurogenin3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse (predicted:Rat, Sheep, Cow, Dog)

Predicted MW: 23 kDa

Entrez Gene: 50674

Swiss Prot: Q9Y4Z2

Source: KLH conjugated synthetic peptide derived from human NGN3: 61-160/214.

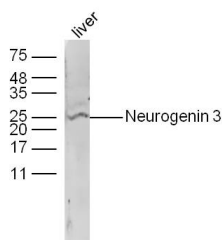
Purification: affinity purified by Protein A

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

### PRODUCT SPECIFIC PUBLICATIONS

[IF=7] Xiufang Chen. et al. Glutathione Induces Keap1 S-Glutathionylation and Mitigates Oscillating Glucose-Induced  $\beta$ -Cell Dysfunction by Activating Nrf2. ANTIOXIDANTS-BASEL. 2024 Apr;13(4):400 WB ; Rat . 10.3390/antiox13040400

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

[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