

NEUROG1 polyclonal antibody

Catalog: BS60557

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The neurogenin family of proteins belongs to the basic helix-loop-helix (bHLH) superfamily and consists of neurogenin 1, neurogenin 2 and neurogenin 3 (also designated ngn3). bHLH members are transcriptional regulators that determine cell fate. During mouse neurogenesis, Neurogenin 1 and Neurogenin 2 are expressed in distinct progenitor populations in the central and peripheral nervous systems. Targeted mutation analyses have shown that Neurogenin 1 is essential for the determination of neuronal precursors for proximal cranial sensory ganglia and that Neurogenin 2 is essential for the determination of precursors for epibranchial placode-derived sensory neurons. The gene which encodes Neurogenin 1 maps to human chromosome 5q23-q31.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

Q92886

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

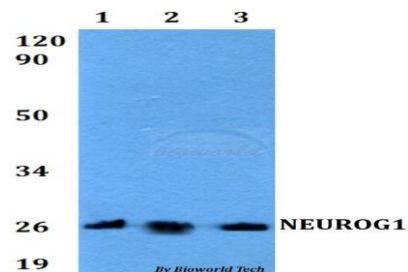
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

NEUROG1 polyclonal antibody detects endogenous levels of NEUROG1 protein.

DATA:



Western blot (WB) analysis of NEUROG1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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