

Datasheet for ABIN388767

**anti-Neurogenin 1 antibody (N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Neurogenin 1 (NEUROG1)
Binding Specificity:	AA 31-60, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurogenin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Neurogenin1 (NeuroG1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-60 amino acids from the N-terminal region of human Neurogenin1 (NeuroG1).
Clone:	RB02905
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Neurogenin 1 (NEUROG1)
Alternative Name:	Neurogenin1 (NeuroG1) ( <a href="#">NEUROG1 Products</a> )

## Target Details

**Background:** Basic helix-loop-helix (bHLH) proteins are transcription factors involved in determining cell type during development. NeuroG1 is a bHLH protein with dual cell-fate specification roles. It functions during neurogenesis, and it has also been shown to inhibit the differentiation of neural stem cells into astrocytes. NeuroG1 promotes neurogenesis by functioning as a transcriptional activator, yet it inhibits astrocyte differentiation by compartmentalizing the CREB-binding protein transcription complex away from astrocyte differentiation genes and by inhibiting STAT transcription factors essential for gliogenesis.

**Gene ID:** 4762

**NCBI Accession:** [NP\\_006152](#)

**UniProt:** [Q92886](#)

## Application Details

**Application Notes:** WB: 1:1000. WB: 1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

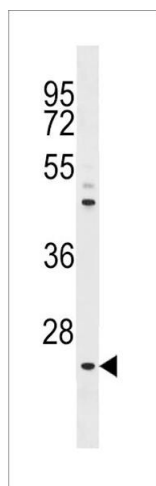
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

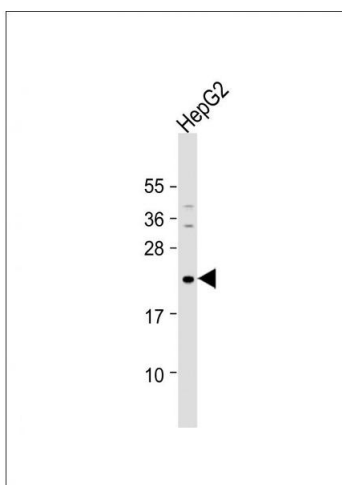
**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



#### Western Blotting

**Image 1.** The anti-NeuroG1 N-term Pab is used in Western blot to detect NeuroG1 in cell lysate.



#### Western Blotting

**Image 2.** Anti-NeuroG1 Antibody (A46) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.