

Datasheet for ABIN357407

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

Overview

Quantity:	0.4 mL
Target:	Neurogenin 1 (NEUROG1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurogenin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human NeuroG1.
Isotype:	Ig Fraction
Specificity:	This antibody detects NeuroG1 at N-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	Neurogenin 1 (NEUROG1)
Alternative Name:	Neurogenin 1 (NEUROG1 Products)

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. Synonyms: NEUROD3, NGN, NGN1, Neurogenic basic-helix-loop-helix protein, Neurogenic differentiation factor 3, Neurogenin 1

Molecular Weight: 25717 Da

Gene ID: 4762

NCBI Accession: [NP_006152](#)

UniProt: [Q92886](#)

Application Details

Application Notes: ELISA 1: 1,000. Western blot 1: 100 - 1: 500. Immunohistochemistry 1: 50 - 1: 100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

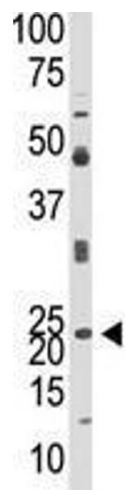


Image 1.

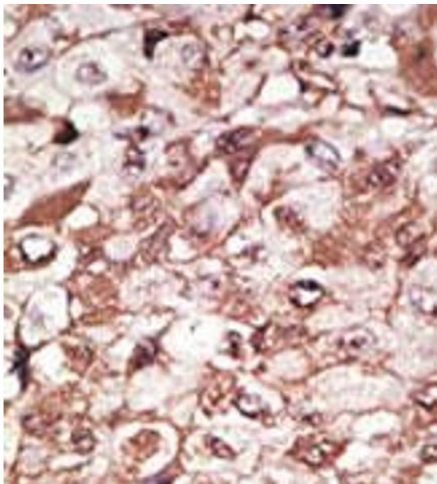


Image 2.