

Datasheet for ABIN7191632  
**anti-Neurogenin 1 antibody**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Neurogenin 1 (NEUROG1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurogenin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of Human NEUROG1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

## Target Details

Target:	Neurogenin 1 (NEUROG1)
Alternative Name:	NEUROG1 ( <a href="#">NEUROG1 Products</a> )
Background:	Background: Neurogenin-1 is a protein that in humans is encoded by the NEUROG1 gene. Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis.

## Target Details

NEUROG1 has been shown to interact with CREB-binding protein and decapentaplegic homolog 1.

Aliases: AKA antibody, Ath4c antibody, bHLHa6 antibody, Class A basic helix-loop-helix protein 6 antibody, Helix loop helix protein MATH 4C antibody, MATH4C antibody, NeuroD3 antibody, Neurog 1 antibody, Neurog1 antibody, Neurogenic basic helix loop helix protein antibody, Neurogenic basic-helix-loop-helix protein antibody, Neurogenic differentiation 3 antibody, Neurogenic differentiation factor 3 antibody, Neurogenin-1 antibody, Neurogenin1 antibody, Ngn antibody, NGN-1 antibody, Ngn1 antibody, NGN1\_HUMAN antibody

UniProt: [Q92886](#)

## Application Details

Application Notes: ELISA:1:1000-1:5000, WB:1:200-1:1000, IHC:1:25-1:100,

Restrictions: For Research Use only

## Handling

Format: Liquid

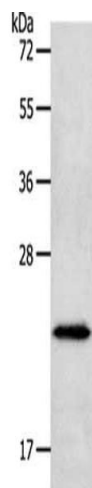
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

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

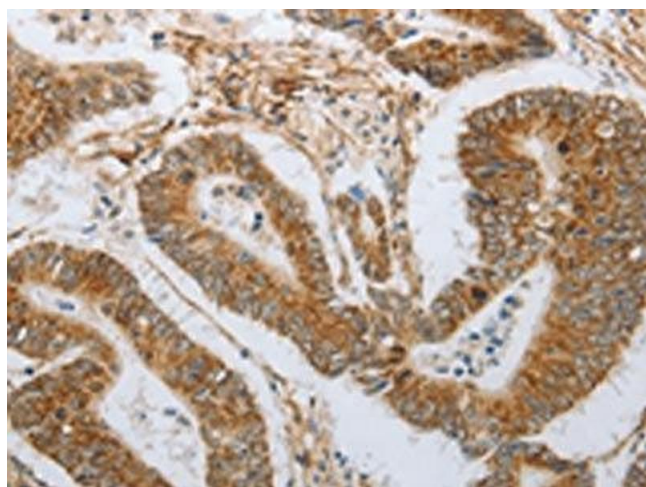
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Western Blotting

**Image 1.** Gel: 12 % SDS-PAGE, Lysate: 40 µg, Lane: Human liver cancer tissue, Primary antibody: ABIN7191632(NEUROG1 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute



#### Immunohistochemistry

**Image 2.** The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABIN7191632(NEUROG1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)