

Datasheet for ABIN2764045
anti-Neurogenin 1 antibody



[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Synthetic peptide derived from human neurogenin-1 protein.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Class A basic helix-loop-helix protein 6, Neurogenic basic-helix-loop-helix protein, Neurogenic differentiation factor 3, NeuroD3, bHLHa6, NGN-1, 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. Efficient DNA binding requires dimerization with another bHLH protein. Expression restricted to the embryonic nervous system.
Purification:	Antigen Immunoaffinity Purification

Target Details

Target:	Neurogenin 1 (NEUROG1)
Alternative Name:	Neurogenin-1 (NEUROG1 Products)
UniProt:	Q92886

Application Details

Application Notes:	Antibody can be used for immunohistochemical staining (1-5 µg/mL). Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % 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:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles