

DATASHEET

Neurogenin 1 Rabbit Polyclonal Antibody

CAT. NO. APA09022

KEY FEATURES

Target	Neurogenin 1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

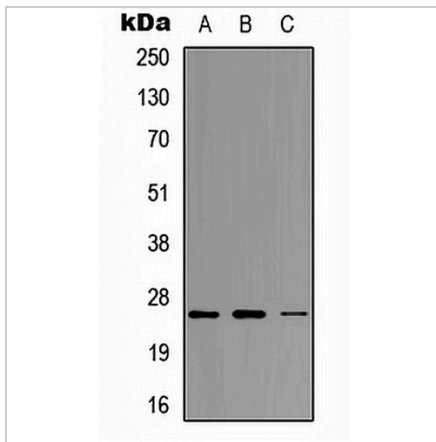
Description	Rabbit polyclonal antibody to Neurogenin 1
Specificity	Recognizes endogenous levels of Neurogenin 1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Neurogenin 1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 25 kD; Observed: 25 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BHLHA6; NEUROD3; NGN; NGN1; Neurogenin-1; NGN-1; Class A basic helix-loop-helix protein 6; bHLHa6; Neurogenic basic-helix-loop-helix protein; Neurogenic differentiation factor 3; NeuroD3
Gene Symbol	NEUROG1
Entrez Gene	4762(Human); 18014(Mouse); 29410(Rat)
SwissProt	Q92886(Human); P70660(Mouse); P70595(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Neurogenin 1 Rabbit Polyclonal Antibody**

CAT. NO. APA09022

DATA

Western blot analysis of Neurogenin 1 expression in MCF7 (A), Raw264.7 (B), H9C2 (C) whole cell lysates. (Predicted band size: 25 kD; Observed band size: 25 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.