DATASHEET

Neurogranin Rabbit Polyclonal Antibody

CAT. NO. APA14767

KEY FEATURES

Target	Neurogranin	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 'third messenger' substrate of protein kinase C-mediated molecular cascades during synaptic development and remodeling. Binds to calmodulin in the absence of calcium .

APPLICATION

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

WB	1:500 - 1:2000

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

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Neurogranin
Specificity	Recognizes endogenous levels of Neurogranin protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Neurogranin
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 7 kD; Observed: 14 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	Neurogranin; Ng; RC3
Gene Symbol	NRGN
Entrez Gene	4900(Human); 64011(Mouse); 64356(Rat)
SwissProt	Q92686(Human); P60761(Mouse); Q04940(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.

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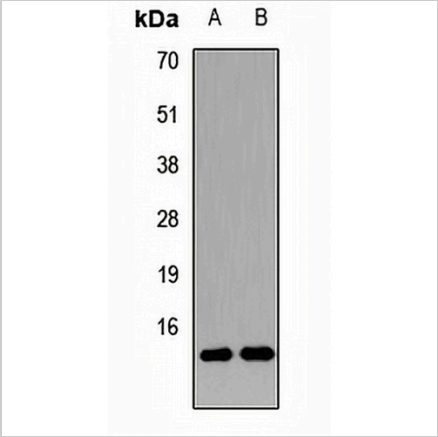
DATA



Western blot analysis of Neurogranin expression in PC3 (A), Hela (B) whole cell lysates. (Predicted band size: 7 kD; Observed band size: 14 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.