

ABG515092: Neurogranin Antibody (C-7)

Clonality :	Monoclonal
Clone Name :	C-7
Application :	ELISA,WB,IF
Reactivity :	Rat,Mouse,Human
Alternative Name :	Neurogranin
Isotype :	IgG1 kappa light chain

Description

Neurogranin Antibody (C-7) is an IgG₁ κ mouse monoclonal Neurogranin antibody (also designated NRGN antibody) that detects the Neurogranin protein of mouse, rat and human origin by WB, IP, IF and ELISA. Neurogranin Antibody (C-7) is available as both the non-conjugated anti-Neurogranin antibody form, as well as multiple conjugated forms of anti-Neurogranin antibody, including agarose, HRP, PE, FITC and multiple Alexa Fluor®

conjugates. Neurogranin (formerly designated p17, also known as RC3 and BICKS) is a neuron-specific substrate for protein kinase C (PKC). Neurogranin is a postsynaptic protein that is highly enriched in brain, with restricted expression in the cortex, striatum, hippocampus, thalamus, hypothalamus and olfactory bulb nuclei. Neurogranin binds calmodulin at low levels of calcium, thereby regulating calmodulin-dependent nitric oxide synthase. Conversely, nitric oxide modifies neurogranin, reducing its ability to bind calmodulin or to be phosphorylated by PKC. This phosphorylation site domain is adjacent to the predicted calmodulin-binding region

Product Info

Amount : 200 µg/ml

Content : Each vial contains 200 µg IgG1 kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin