



RABBIT ANTI-NEUROGRANIN POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB5620
LOT NUMBER:	
QUANTITY:	100 µL
SPECIFICITY:	Recognizes Neurogranin
IMMUNOGEN:	Recombinant rat Neurogranin (complete sequence).
APPLICATIONS:	<u>Immunoblot</u> : 1:500-1:1,000 <u>Immunohistochemistry</u> : ≥ 1:500 on 4% paraformaldehyde / PBS fixed or 3% Paraformaldehyde / 0.1% Gluteraldehyde / PBS fixed tissue sections. <u>Immunocytochemistry</u> : ≥ 1:500 <u>Immunoprecipitation</u> : ≥ 1:100 <u>ELISA</u> : ≥ 1:2,000 Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Reacts to a high degree with rat and mouse. Reacts to a lesser degree with human, bovine and chicken. Other species have not been tested
FORMAT:	Purified immunoglobulin. Purified by ammonium sulfate precipitation.
PRESENTATION:	Liquid in PBS with 0.02% sodium azide as a preservative.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
GENERAL REFERENCES:	Pak, JH, et al., (2000) Involvement of neurogranin in the modulation of calcium/calmodulin-dependent protein kinase II, synaptic plasticity and spatial learning: A study with knockout mice. <i>Proc Natl Acad Sci U S A</i>. 2000 Oct 10;97(21):11232-11237. Mori Y, et al., (2000) Two cis-acting elements in the 3' untranslated region of alpha-CaMKII regulate its dendritic targeting. <i>Nat Neurosci</i>. 2000 Nov;3(11):1079-1084. Svaren J, et al., (2000) EGR1 Target genes in prostate carcinoma cells identified by microarray analysis. <i>J Biol Chem</i>. 2000 Sep 12 [epub ahead of print] Li GL, et al., (2000) MAP2 and neurogranin as markers for dendritic lesions in CNS injury. An immunohistochemical study in the rat. <i>APMIS</i>. 2000 Feb;108(2):98-106.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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