

Product datasheet for **TA349213**

Neurogranin (NRGN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NRGN
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	8 kDa
Gene Name:	neurogranin
Database Link:	NP_006167 Entrez Gene 64011 Mouse Entrez Gene 4900 Human Q92686

Background: Neurogranin (NRGN) is the human homolog of the neuron-specific rat RC3/neurogranin gene. This gene encodes a postsynaptic protein kinase substrate that binds calmodulin in the absence of calcium. The NRGN gene contains four exons and three introns. The exons 1 and 2 encode the protein and exons 3 and 4 contain untranslated sequences. It is suggested that the NRGN is a direct target for thyroid hormone in human brain, and that control of expression of this gene could underlay many of the consequences of hypothyroidism on mental states during development as well as in adult subjects.

Synonyms: hng; RC3



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Protein Families: Druggable Genome

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse brain tissue
Primary antibody: TA349213 (NRGN Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds