Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human Neurogranin mAb (CAP)

Catalog No.: RM17872

Basic Information

Catalog No.
RM17872

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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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.

Immunogen Information

Immunogen
Recombinant Human Neurogranin

Cross-Reactivity

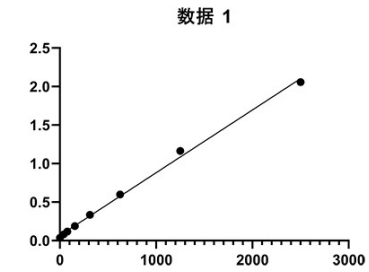
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Assay Applications

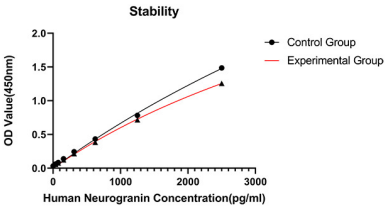
Human Neurogranin Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human Neurogranin (CAP)(Cat. No.RM17872)
ELISA Detection	0.1-0.4ug/mL	Rabbit anti-Human Neurogranin (DET)(Cat. No.RM17873)
Standard	39.06-2500pg/mL	Recombinant Human Neurogranin Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.