

Rabbit anti-Human Neurogranin mAb (CAP)

Catalog No.: RM17872

Basic Information

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RM17872

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG


Purification
Affinity purification

Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

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

Contact

 | order@abclonal.com

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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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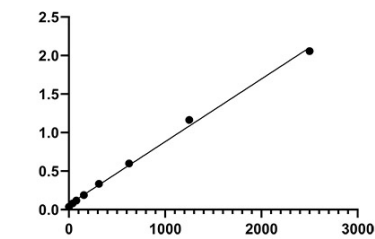
Assay Applications

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 |

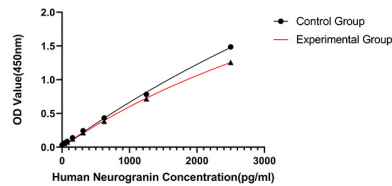
Validation Data

数据 1



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

Stability



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