

DNAxPAb

Hard-to-Find
Antibody

NRGN DNAxPab

Catalog # H00004900-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NRGN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDCCTENACSKPDDDILDPLDDPGANAAAAKIQASFRGHMARKKKIKSGERGRKGPGPGGPGGA GVARGGAGGGPSGD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NRGN

Entrez GeneID [4900](#)

GeneBank Accession# [NM_006176.1](#)

Protein Accession# [NP_006167.1](#)

Gene Name NRGN

Gene Alias RC3, hng

Gene Description neurogranin (protein kinase C substrate, RC3)

Omim ID [602350](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations calmodulin-binding protein|neurogranin|protein kinase C substrate

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)