

MaxPab®

NRG2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009542-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NRG2 protein.
Immunogen	NRG2 (AAI66615.1, 1 a.a. ~ 852 a.a) full-length human protein.
Sequence	MRQVCCSALPPPPLEKGRCSSYSDDSSSSSSSERSSSSSSSSSESGSSSRSSSNSSISRPAAPP EPRPQQQPQPRSPAARRAAARSRAAAAGGMRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAY KAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDKWPLRSGGLQREQVISVGS CVPL ERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKKEVGKILCTDCATRPKLKKMKSQTGQVGEKQ SLKCEAAAGNPQPSYRWFKDGKELNRSRDIRIKYGNRKN SRLQFNKVVEDAGEYVCEAENILG KDTVGRGLYVNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYIEGINQLSCKCPVGYTGDRQC QFAMVNF SKHLGFELKEAEELYQKRVL TITGICVALLVVGIVCVVAYCKTKKQRKQMHNHLRQNM CPAHQNRSLANGPSHPRLDPEEIQMADYISKNPATDHVIRRETETTFSGSHSCSPSHHCSTATP TSSHRHESHTWSLERSESLTSDSQSGIMLSSVGT SKCNSPACVEARARRAAAYNLEERRRATAP PYHDSVDSL RDSPHSERYVSALTTPARLSPVDFHYSLATQVPTFEITSPNSAHAVSLPPAAPISYR LAEQQPLL RHPAPP GPGPGPGPGPGADMQRSYDSYYPAAGPGPRRGTCALGGS LGSLPAS PFRIPEDDEYETTQECAPPPPPRPRARGASRRTSAGPRRWRRSRLNGLAAQRARAARDSLSLSS GSGGGSASASDDDADDADGALAAESTPFLGLRGAHDALRSDSPPLCPAADSRTYYSLD SHSTR ASSRHSRGPPPPRAKQDSAPL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (90)
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](#)

Gene Info — NRG2

Entrez GeneID [9542](#)

GeneBank Accession# [BC166615.1](#)

Protein Accession# [AA166615.1](#)

Gene Name NRG2

Gene Alias Don-1, HRG2, NTAK

Gene Description neuregulin 2

Omim ID [603818](#)

Gene Ontology [Hyperlink](#)

Gene Summary Neuregulin 2 (NRG2) is a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the ErbB family of receptors, NRG2 induces the growth and differentiation of epithelial, neuronal, glial, and other types of cells. The gene consists of 12 exons and the genomic structure is similar to that of neuregulin 1 (NRG1), another member of the neuregulin family of ligands. NRG1 and NRG2 mediate distinct biological processes by acting at different sites in tissues and eliciting different biological responses in cells. The gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is not responsible for this disease. Alternative transcripts encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000159546|divergent of neuregulin-1|neural- and thymus-derived activator for ErbB kinases

Pathway

- [ErbB signaling pathway](#)

Disease

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

- [Mental Disorders](#)
- [Schizophrenia](#)