

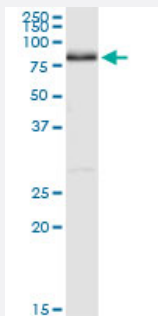
MaxPab®

NRG1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003084-D01P

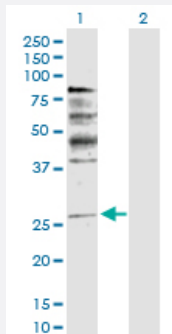
Size 100 ug

Applications



Western Blot (Tissue lysate)

NRG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NRG1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of NRG1 expression in transfected 293T cell line ([H00003084-T03](#)) by NRG1 MaxPab polyclonal antibody.

Lane 1: NRG1 transfected lysate(26.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NRG1 protein.
Immunogen	NRG1 (NP_039252.1, 1 a.a. ~ 241 a.a) full-length human protein.
Sequence	MSERKEGRGKGKGKKKERGSGKKPESAAGSQSPALPPQLKEMKSQESAAGSKLVLCETSSE YSSLRFKWFKNGNELNRKNKPQNIQKKPGKSELRINKASLADSGEYMCKVISKLGNDSASANITI VESNEITGMPASTEGAYVSSESPIRISVSTEGANTSSSTSTTTGTSHLVKCAEKEKTFCVNGGEC FMVKDLSNPSRYLCKCPNEFTGDRCQNYVMASFYSTSTPFLSLPE
Host	Rabbit
Reactivity	Human

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 (Tissue lysate)

NRG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NRG1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NRG1 expression in transfected 293T cell line ([H00003084-T03](#)) by NRG1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — NRG1

Entrez GeneID	3084
GeneBank Accession#	NM_013958.1
Protein Accession#	NP_039252.1
Gene Name	NRG1
Gene Alias	ARIA, GGF, GGF2, HGL, HRG, HRG1, HRGA, NDF, SMDF
Gene Description	neuregulin 1
Omim ID	142445 603013
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene was originally identified as a 44-kD glycoprotein that interacts with the NEU/ERBB2 receptor tyrosine kinase to increase its phosphorylation on tyrosine residue s. This protein is a signaling protein that mediates cell-cell interactions and plays critical roles in th e growth and development of multiple organ systems. It is known that an extraordinary variety of di fferent isoforms are produced from this gene through alternative promoter usage and splicing. Th ese isoforms are tissue-specifically expressed and differ significantly in their structure, and thereb y these isoforms are classified into types I, II, III, IV, V and VI. The gene dysregulation has been lin ked to diseases such as cancer, schizophrenia and bipolar disorder (BPD). [provided by RefSeq

Other Designations

glial growth factor|heregulin, alpha (45kD, ERBB2 p185-activator)|neu differentiation factor|neureg ulin 1 isoform HRG-gamma|sensory and motor neuron derived factor

Pathway

- [ErbB signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Anoxia](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Attention](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Depressive Disorder](#)

- [Diabetes Mellitus](#)
- [Dominance](#)
- [Edema](#)
- [Extraversion \(Psychology\)](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Infant](#)
- [Inhibition \(Psychology\)](#)
- [Intelligence Tests](#)
- [Leukomalacia](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Recall](#)
- [Mental Retardation](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obstetric Labor Complications](#)
- [Perceptual Disorders](#)
- [Personality Tests](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Reaction Time](#)
- [Recurrence](#)

- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Space Perception](#)
- [Speech Disorders](#)
- [Startle Reaction](#)
- [Stress](#)
- [Task Performance and Analysis](#)
- [Tobacco Use Disorder](#)