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- Mindermengenzuschlag
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- Expressversand

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NRG1 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00003084-B01

規格 : [50 uL]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human NRG1 protein.

Immunogen: NRG1 (AAH07675, 1 a.a. ~ 296 a.a) full-length human protein.

Sequence:
 MEIYSPDMSEVAAERSSSPSTQLSADPSLDGLPAAEDMPEPQTEDGRTPLVGLAVPCCACLEAERLRGCLNSEKICIVPILACLVSCLCIAGLKWVFDKIFEYDSPTHLDPGGLGQDPVISLDATAASALWVSSEAYTSPVSRQSESEVQVTVQGDKAVVSFEPSAAPT PKNRIFAFSFLPSTAPSFPSPTRNPEV RTPKSATQPQTETNPQTAPKLSTSTTTGTSHLVKCAEKEKTF CVNGG ECFMVKDLSNPSRYLCKCPNEFTGDRCQNYVMASFYSTSTPFLSLPE

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

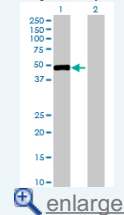
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

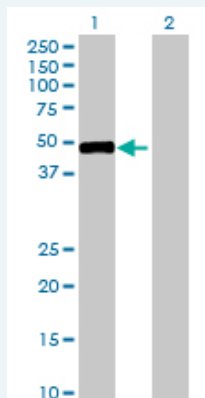
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of NRG1 expression in transfected 293T cell line ([H00003084-T01](#)) by NRG1 MaxPab polyclonal antibody.

Lane 1: NRG1 transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [3084](#)

GeneBank Accession#: [BC007675](#)

Protein Accession#: [AAH07675](#)

Gene Name: NRG1

Gene Alias: ARIA,GGF,GGF2,HGL,HRG,HRG1,HRGA,NDF,S MDF

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 residues. This protein is a signaling protein that mediates cell-cell interactions and plays critical roles in the growth and development of multiple organ systems. It is known that an extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are tissue-specifically expressed and differ significantly in their structure, and thereby these isoforms are classified into types I, II, III, IV, V and VI. The gene dysregulation has been linked 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, neuregulin 1 isoform HRG-gamma, sensory and motor neuron derived factor

Gene Pathway

[ErbB signaling pathway](#)

Related Disease

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