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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NOS3 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004846-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human NOS3 protein.

Immunogen: NOS3 (AAH69465.1, 1 a.a. ~ 1203 a.a) full-length human protein.

Sequence:
 MGNLKSVAQEPGPPCGLGLGLGLGLGCGKQGPATPAPEPSRAPASLLPP
 APEHSPSSPLTQPPEGPKFPRVKNWEVGSITYDTLSAQAAQDGPCTP
 RRCLGSLVFPRLQGRPSGPPAPEQLLSQARDFINQYSSIKRSGSQA
 HEQRLQEVEAEVAATGTYQLRESELVFGAKQAWRNAPRCVGRIQWGKL
 QVFDARDCRSAQEMFTYICNHIKYATNRGNLRSAITVFPQRCPPGRGDFRI
 WNSQLVRYAGYRQQDGSVRGDPANWEITELCIQHGWTPGNRFDVLP
 LLQAPDEPELFLPPELVLEVPLEHPTLEWFAALGLRWYALPAVSNMLL
 EIGGLEFPAPFSGWYMSTEIGTRNLCDPHRYNILEDVAVCMDLDRRTTS
 SLWKDKAAVEINAVLHSYQLAKVTIVDHHAATAAFMKHLENEQKARGGC
 PADWAWIVPISGLTPVVFHQEMVNYFLSPAIFYQDPWPWKGSAAGTGI
 TRKKTFFKEVANAVKISASLMGTVMKRKATILYGSETGRAQSYAQLG
 RLFRKAFDPRVLCMDEYDVSLEHETLVLVVSTFGNGDPPENGESFAA
 ALMEMSGPYNSSRPEQHKSYPKIRFNSISCSDDLVSRRRKRKESNTD
 SAGALGTLRFVGLGSRAYPHFCAFARAVIDTRLEELGGERLLQLGQG
 DELCGQEEAFRGWAQAAQAAACETFCVGEDAKAAARDIFSPKRSWKR
 QRYRLSAQAEGQLLPLGLIHVHRRKMFQATIRSVENLQSSKSTRATILVR
 LDTGGQEGQLYQPGDHIGVCPNRPGLVEALLSRVEDPPAPTEPVAVE
 QLEKGSPPGPPGWRDPRLPPCTLRQALTFFLDITSPSPQLLRLLST
 LAEEPREQEALSQDPRRYEWWKFRCPPTLLEVLQFSPVALPAPLL
 LTQLPLLQPRYSVSSAPSTHPGEIHLTVAVLAYRTQDGLGPLHYGVCST
 WLSQLKPGDPVPCFIRGAPSFRLPPDPSLPCILVGPPTGIAPFRGFVQ
 RLHDIESKGLQPTPMTLVFGCRCSQLDHLRDEVQNAQQRGVFGRVLT
 AFSREPDNPKTYQDILRTELAAEVHRVLCLEGRGHMFCVGDVMTATNVL
 QTVQRILATEGDMELDEAGDVIGVLRDQQRVHEDIFGLTLRTQEVTSRIR
 TQSFSLQERQLRGAVPWAFDPPGSDTNSP

Host: Mouse

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.

MSDS: [Download](#)

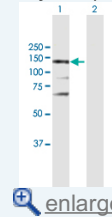
Datasheet: [Download](#)

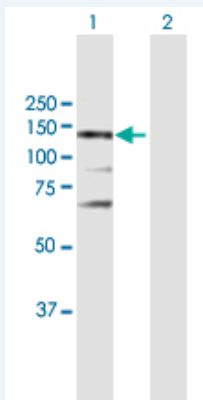
Applications

Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)





Western Blot analysis of NOS3 expression in transfected 293T cell line ([H00004846-T01](#)) by NOS3 MaxPab polyclonal antibody.

Lane 1: NOS3 transfected lysate(132.33 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4846](#)

GeneBank Accession#: [BC069465.1](#)

Protein Accession#: [AAH69465.1](#)

Gene Name: NOS3

Gene Alias: ECNOS,eNOS

Gene Description: nitric oxide synthase 3 (endothelial cell)

Omim ID: [104300](#), [145500](#), [163729](#), [189800](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: endothelial nitric oxidase synthase,endothelial nitric oxide synthase

Gene Pathway

[Alzheimer's disease](#) [Amyotrophic lateral sclerosis \(ALS\)](#) [Arginine and proline metabolism](#) [Calcium signaling pathway](#) [Long-term depression](#) [Metabolic pathways](#) [Pathways in cancer](#) [Small cell lung cancer](#) [VEGF signaling pathway](#)

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