nd2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	nd2, Polyclonal Antibody
Full Product Name	Rabbit anti-Caenorhabditis briggsae nd2 Polyclonal Antibody
Product Gene Name	anti-nd2 antibody
Product Synonym Names	nd2 Antibody; NADH-ubiquinone oxidoreductase chain 2; EC 1.6.5.3; NADH dehydrogenase subunit 2; nd2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Caenorhabditis briggsae
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	33,164 Da
3D Structure	ModBase 3D Structure for Q8HEC1
Immunogen	Recombinant Caenorhabditis briggsae nd2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-nd2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-nd2 antibody	MBS9002271 is an antibody targeting nd2. Also known as Rabbit anti-Caenorhabditis briggsae nd2 Polyclonal Antibody. Reactive in Caenorhabditis briggsae. Host: Rabbit.
Other Notes	Small volumes of anti-nd2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for nd2. It may not necessarily be applicable to this product.

NCBI GI #	158132501
NCBI GeneID	5666633
NCBI Accession #	YP_001504335.1
UniProt Primary Accession #	Q8HEC1
UniProt Secondary Accession #	B1PE37; B1PE49; B1PE61; B1PEC1; B1PED3; B1PEE5; B1PEF7; B1PEI1; B1PEK5; B1PEQ3; B1PET9

UniProt Related Accession #	Q8HEC1
GenBank Nucleotide #	NC_009885.1
NCBI Official Full Name	NADH dehydrogenase subunit 2 (mitochondrion)
NCBI Official Symbol	ND2
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 2
UniProt Synonym Protein Names	NADH dehydrogenase subunit 2
UniProt Gene Name	nd2
UniProt Entry Name	NU2M_CAEBR
NCBI Protein Information	NADH dehydrogenase subunit 2
UniProt Comments for nd2	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/nd2/9002271