ndhA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ndhA, Polyclonal Antibody
Full Product Name	Rabbit anti-Gossypium hirsutum (Upland cotton)(Gossypium mexicanum) ndhA Polyclonal Antibody
Product Gene Name	anti-ndhA antibody
Product Synonym Names	ndhA Antibody; NAD(P)H-quinone oxidoreductase subunit 1, chloroplastic; EC 1.6.5.-; NAD(P)H dehydrogenase subunit 1; NDH subunit 1; NADH-plastoquinone oxidoreductase subunit 1; ndhA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Gossypium hirsutum (Upland cotton)(Gossypium mexicanum)
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	40,222 Da
3D Structure	ModBase 3D Structure for Q2L952
Immunogen	Recombinant Gossypium hirsutum (Upland cotton) (Gossypium mexicanum) ndhA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ndhA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ndhA antibody	MBS7192665 is an antibody targeting ndhA. Also known as Rabbit anti-Gossypium hirsutum (Upland cotton)(Gossypium mexicanum) ndhA Polyclonal Antibody. Reactive in Gossypium hirsutum (Upland cotton)(Gossypium mexicanum). Host: Rabbit.
Other Notes	Small volumes of anti-ndhA 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 ndhA. It may not necessarily be applicable to this product.

NCBI GI #	91208951
NCBI GeneID	3989236
NCBI Accession #	YP_538985.1
UniProt Primary Accession #	Q2L952

UniProt Related Accession #	Q2L952
GenBank Nucleotide #	NC_007944.1
NCBI Official Full Name	NADH dehydrogenase subunit 1 (chloroplast)
NCBI Official Symbol	ndhA
NCBI Official Synonym Symbols	ndh1
UniProt Protein Name	NAD(P)H-quinone oxidoreductase subunit 1, chloroplastic
UniProt Synonym Protein Names	NAD(P)H dehydrogenase subunit 1
Protein Family	NAD(P)H-quinone oxidoreductase
UniProt Gene Name	ndhA
UniProt Synonym Gene Names	NDH subunit 1
UniProt Entry Name	NU1C_GOSHI
NCBI Protein Information	NADH dehydrogenase subunit 1
UniProt Comments for ndhA	NDH shuttles electrons from NAD(P)H:plastoquinone, via FMN and iron-sulfur (Fe-S) centers, to quinones in the photosynthetic chain and possibly in a chloroplast respiratory chain. The immediate electron acceptor for the enzyme in this species is believed to be plastoquinone. Couples the redox reaction to proton translocation, and thus conserves the redox energy in a proton gradient.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/ndha/7192665