

Rabbit anti-Human, mouse NDUFS3 Polyclonal Antibody | anti-NDUFS3 antibody

NDUFS3 Antibody (C-term)

CATALOG # AAA286140	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

NDUFS3; Polyclonal Antibody; NDUFS3 Antibody (C-term); NADH dehydrogenase [ubiquinone] iron-sulfur protein 3; mitochondrial; Complex I-30kD; CI-30kD; NADH-ubiquinone oxidoreductase 30 kDa subunit; anti-NDUFS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NDUFS3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 251-284 amino acids from the C-terminal region of human NDUFS3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	132
Applicable Applications for anti-NDUFS3 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa, HepG2, mouse NIH/3T3 cell line, human brain and mouse brain tissue lysate (from left to right), using NDUFS3 Antibody (C-term). AAA286140 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)

Western blot analysis of lysate from THP-1 cell line, using NDUFS3 Antibody (C-term). AAA286140 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS3 antibody	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 (By similarity).
Product Categories/Family for anti-NDUFS3 antibody	Crown Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Loeffen J.,et al.Biochem. Biophys. Res. Commun. 247:751-758(1998). Procaccio V.,et al.Mamm. Genome 11:808-810(2000). Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758788
NCBI GeneID	4722
NCBI Accession #	NP_004542.1
NCBI GenBank Nucleotide #	NM_004551.2
UniProt Accession #	O75489; Q9UNQ8; B2R9J1; B4DFM8
Molecular Weight	30242
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS3
NCBI Official Synonym Symbols	CI-30
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
UniProt Gene Name	NDUFS3
UniProt Synonym Gene Names	CI-30kD
UniProt Entry Name	NDUS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufs3-antibody-western-blot-elisa/286140>