

Rabbit anti-Human NDUFB4 Polyclonal Antibody | anti-NDUFB4 antibody

Anti-NDUFB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265586	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

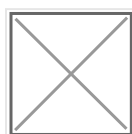
PRODUCT SYNONYMS

NDUFB4; Polyclonal Antibody; Anti-NDUFB4 Antibody; anti-NDUFB4 antibody

PRODUCT SPECIFICATIONS

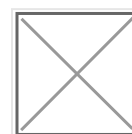
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of NDUFB4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-NDUFB4 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human NDUFB4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



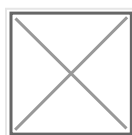
IF (Immunofluorescence)

Immunofluorescent analysis of Anti-NDUFB4 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of NDUFB4 staining in human skin formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NDUFB4 expression in HepG2 (A), PC3 (B), Ramos (C), U251MG (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 13 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFB4 antibody	Rabbit polyclonal antibody to NDUFB4
Product Categories/Family for anti-NDUFB4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	270288780
NCBI GeneID	4710
NCBI Accession #	NP_001161803.1
NCBI GenBank Nucleotide #	NM_001168331.1
UniProt Accession #	O95168 ; B2RUY3 ; B9EJC7
Molecular Weight	14,026 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa
NCBI Official Symbol	NDUFB4
NCBI Official Synonym Symbols	B15; CI-B15
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4; NADH-ubiquinone oxidoreductase B15 subunit; complex I B15 subunit; complex I-B15
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4
UniProt Gene Name	NDUFB4
UniProt Synonym Gene Names	CI-B15
UniProt Entry Name	NDUB4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufb4-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/265586>