

Rabbit NDUFS4 Polyclonal Antibody | anti-NDUFS4 antibody

NDUFS4 Polyclonal Antibody

CATALOG # AAA281089	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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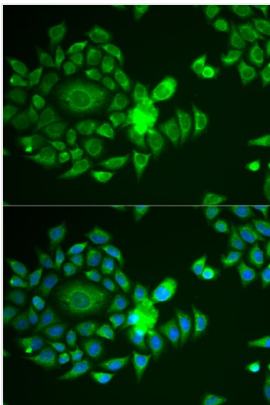
PRODUCT SYNONYMS

NDUFS4; Polyclonal Antibody; NDUFS4 Polyclonal Antibody; AQDQ; CI-18; CI-18kDa; CI-AQDQ; anti-NDUFS4 antibody

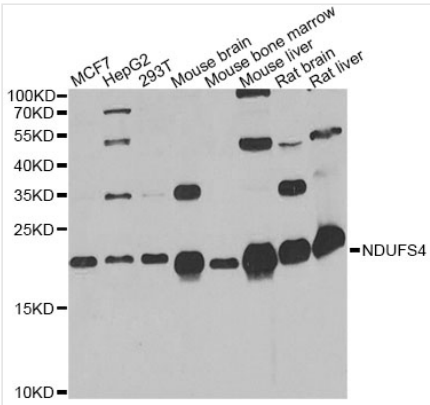
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAAVSMSVVL RQTLWRRRAV AVAALSFSRV PTRSLRTSTW RLAQDQTQDT QLITVDEKLD ITTLTGVP EE HIKTRKVRIF VPARNMQSG VNNTKKWKME FDRERWENP LMGWASTADP LSNMVLTFST KEDAVSFAEK NGWSYDIEER KVPKPKSKSY GANFSWNKRT RVSTK
Sequence Length	175
Applicable Applications for anti-NDUFS4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human NDUFS4
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Matrix side, Mitochondrion inner membrane, Peripheral membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using NDUF54 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using NDUF54 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF54 antibody	This gene encodes an nuclear-encoded accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I, or NADH:ubiquinone oxidoreductase). Complex I removes electrons from NADH and passes them to the electron acceptor ubiquinone. Mutations in this gene can cause mitochondrial complex I deficiencies such as Leigh syndrome. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-NDUF54 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505369
NCBI GeneID	4724
NCBI Accession #	NP_002486.1
NCBI GenBank Nucleotide #	NM_002495.3
UniProt Accession #	O43181; Q9BS69
Molecular Weight	Calculated: 20kDa Observed: 20kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit S4
NCBI Official Symbol	NDUF54
NCBI Official Synonym Symbols	AQDQ; CI-18; CI-AQDQ; CI-18 kDa
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
UniProt Gene Name	NDUF54
UniProt Synonym Gene Names	CI-18 kDa; CI-AQDQ

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.

