

Rabbit anti-Human NDUFS4 Monoclonal Antibody | anti-NDUFS4 antibody

NDUFS4 Rabbit mAb

CATALOG # AAA282926	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

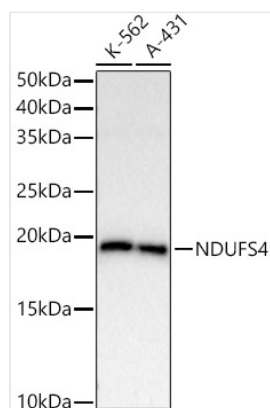
PRODUCT SYNONYMS

NDUFS4; Monoclonal Antibody; NDUFS4 Rabbit mAb; AQDQ; CI-18; MC1DN1; CI-AQDQ; CI-18 kDa; anti-NDUFS4 antibody

PRODUCT SPECIFICATIONS

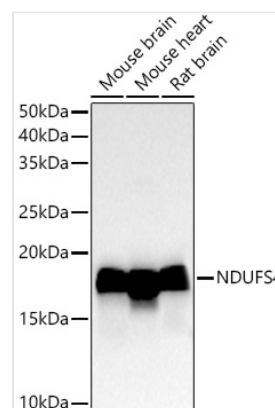
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	AQDQTQDTQL ITVDEKLDIT TLTGVPEEHI KTRKVRIFVP ARNNMQSGVN NTKKWKMEFD TRERWENPLM GWASTADPLS NMVLTFTSKE DAVSFAEKNG WSYDIEERKV PKPKSKSYGA NFSWNKRTRV STK
Applicable Applications for anti-NDUFS4 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 43-175 of human NDUFS4 (NP_002486.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using NDUFS4 Rabbit mAb (AAA282926) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of various lysates using NDUFS4 Rabbit mAb (AAA282926) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS4 antibody	This gene encodes a 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-NDUFS4 antibody	Cancer; Signal Transduction; Endocrine Metabolism; Mitochondrial metabolism; Mitochondrial markers; Oxidative phosphorylation; Neuroscience; Neurodegenerative Diseases; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505369
NCBI GeneID	4724
NCBI Accession #	NP_002486.1
NCBI GenBank Nucleotide #	NM_002495.2
UniProt Accession #	O43181; Q9BS69
Molecular Weight	Calculated MW: 20kDa Observed MW: 20kDa
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
UniProt Gene Name	NDUFS4
UniProt Synonym Gene Names	CI-18 kDa; CI-AQDQ
UniProt Entry Name	NDUS4_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.