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NDUFS8 Rabbit mAb

Catalog # AP75790

Product Information

Application	WB, IHC-P, FC
Primary Accession	O00217
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	23705

Additional Information

Gene ID	4728
Other Names	NDUFS8
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

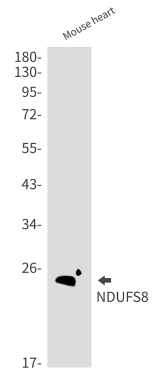
Protein Information

Name	NDUFS8
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed:22499348). Essential for the catalytic activity and assembly of complex I (PubMed:22499348).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P42028}; Matrix side {ECO:0000250|UniProtKB:P42028}
Tissue Location	Expressed in all tissues with the highest level in heart and skeletal muscle and the lowest level in lung

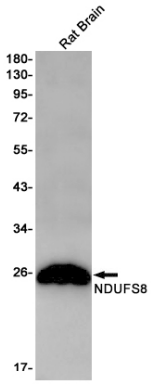
Background

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 . May donate electrons to ubiquinone.

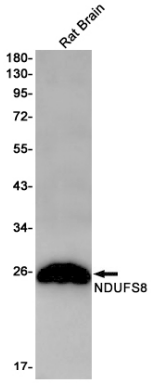
Images



Western blot analysis of NDUFS8 in mouse heart lysates using NDUFS8 antibody.



Western blot analysis of NDUFS8 in rat Brain lysates using NDUFS8 antibody.



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