



Catalog: OM215140

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NDUFS1 Antibody (Center)

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☐ 100ug

Product profile

Product name	NDUFS1 Antibody (Center)
Antibody Type	Primary Antibodies

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	WB ,IHC ,FC
Species Reactivity	Human
Concentration	1 mg/ml
Purification	

Target Information

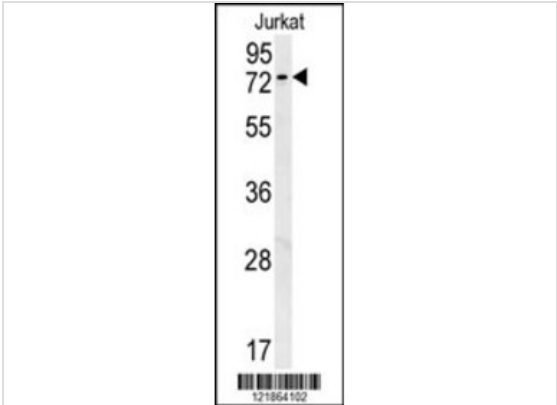
Alternative Names	NDUFS1; NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial; Complex I-75kD
Molecular Weight(MW)	79468 Da
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. 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). This is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized
Tissue Specificity	This NDUFS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-175 amino acids from the Central region of human NDUFS1.
Cellular Localization	Mitochondrion inner membrane.

Database Links

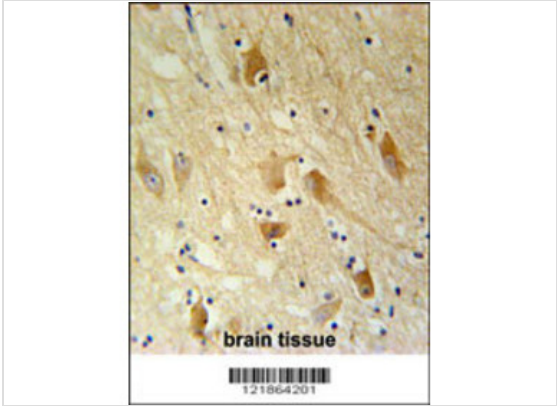
Entrez Gene4719

Nucleotide AccessionNP_004997.4

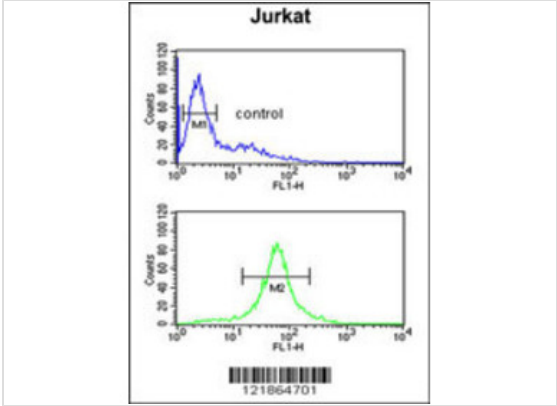
Application



Application
NDUFS1 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the NDUFS1 antibody detected the NDUFS1 protein (arrow).



Application
NDUFS1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NDUFS1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Application
NDUFS1 Antibody (Center) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FIT C-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Application NotesWB~~1:100~500 IHC~~1:50~100 FC~~1:10~50:

Additional Information

Form	Liquid
Storage Instructions	For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Storage Buffer	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.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
