



Catalog: OM215145

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NDUFS4 Antibody (C-term)

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☐ 100ug

Product profile

Product name	NDUFS4 Antibody (C-term)
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	

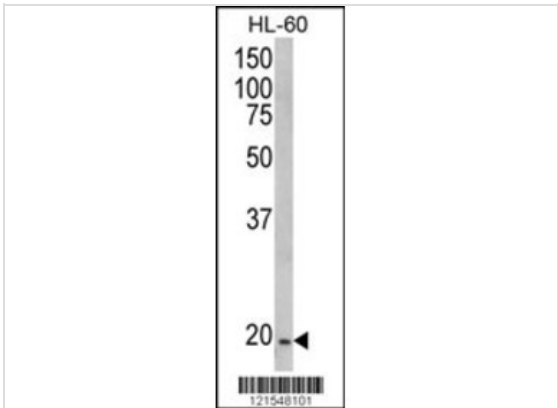
Target Information

Alternative Names	NDUFS4; NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial; Complex I-18 kDa; Complex I-AQDQ; NADH-ubiquinone oxidoreductase 18 kDa subunit
Molecular Weight(MW)	20108 Da
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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
Tissue Specificity	This NDUFS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138~168 amino acids from the C-terminal region of human NDUFS4.
Cellular Localization	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

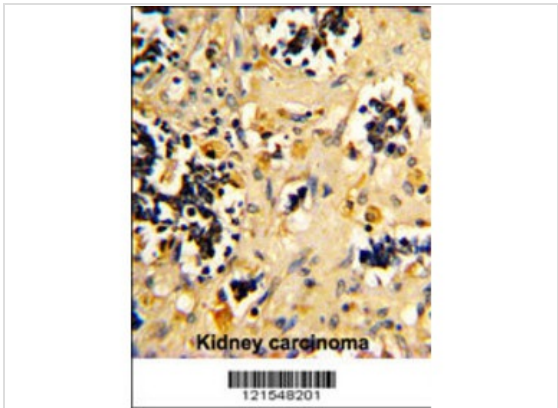
Database Links

Entrez Gene	4724
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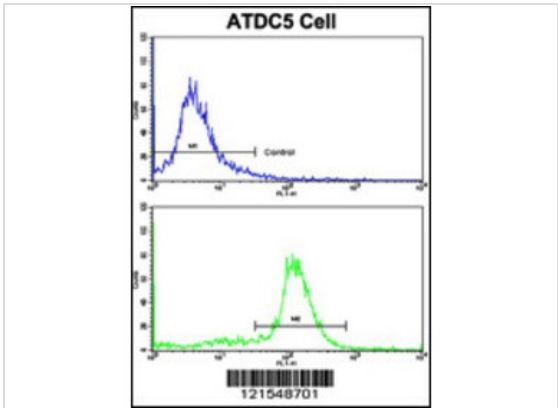
Application



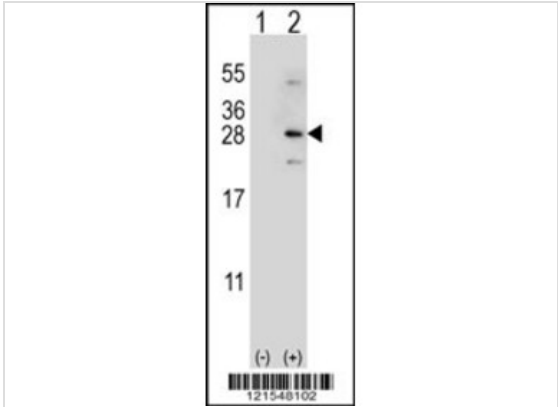
Application
Western blot analysis of NDUFS4 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). NDUFS4 (arrow) was detected using the purified Pab.



Application
Formalin-fixed and paraffin-embedded human kidney carcinoma reacted with NDUFS4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Application
Flow cytometric analysis of ATDC5 cells using SLC22A23 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Application
Western blot analysis of NDUFS4 (arrow) using rabbit polyclonal NDUFS4 Antibody (C-term) . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NDUFS4 gene.

Application Notes WB~~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.

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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
