ARG58288
anti-NDUFA10 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFA10
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFA10
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 252-281 (Center) of Human NDUFA10.
Conjugation	Un-conjugated
Alternate Names	NADH-ubiquinone oxidoreductase 42 kDa subunit; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial; CI-42k; CI-42KD; Complex I-42kD; CI-42kD

Application Instructions

Application table

Application	Dilution
FACS	1:10 - 1:50
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Mouse kidney

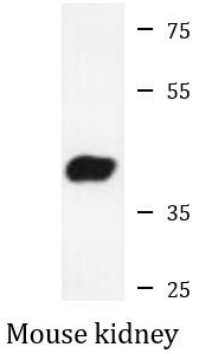
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

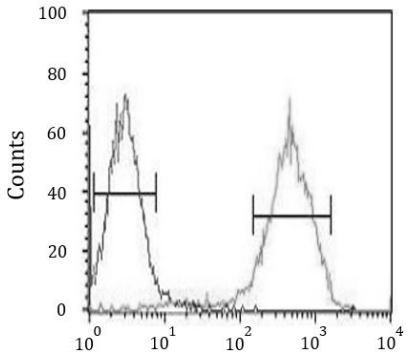
Gene Symbol	NDUFA10
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10, 42kDa
Background	The protein encoded by this gene belongs to the complex I 42kDA subunit family. Mammalian complex I is the first enzyme complex in the electron transport chain of mitochondria. It is composed of 45 different subunits. This protein is a component of the hydrophobic protein fraction and has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Mitochondrion matrix. [UniProt]

Images



ARG58288 anti-NDUFA10 antibody WB image

Western blot: 35 µg of Mouse kidney lysate stained with ARG58288 anti-NDUFA10 antibody.



ARG58288 anti-NDUFA10 antibody FACS image

Flow Cytometry: HepG2 cells stained with ARG58288 anti-NDUFA10 antibody (right histogram) or without primary antibody as control (left histogram), followed by incubation with FITC labelled secondary antibody.