

ARG55708 anti-NDUFV3 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFV3
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFV3
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 94-128 (C-terminus) of Human NDUFV3.
Conjugation	Un-conjugated
Alternate Names	NADH-ubiquinone oxidoreductase 9 kDa subunit; NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial; Complex I-9kD; CI-9kD; CI-9KD; CI-10k; Renal carcinoma antigen NY-REN-4

Application Instructions

Application table	Application	Dilution
	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	Human heart	

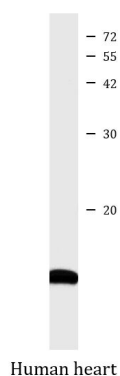
Properties

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

Database links	GeneID: 4731 Human GeneID: 78330 Mouse Swiss-port # P56181 Human Swiss-port # Q8BK30 Mouse
Gene Symbol	NDUFV3
Gene Full Name	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa
Background	The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [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	12 kDa
Cellular Localization	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

Images



ARG55708 anti-NDUFV3 antibody WB image

Western blot: Human heart lysate stained with ARG55708 anti-NDUFV3 antibody at 1:1000 dilution.