ARG58974
anti-NDUFA7 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFA7
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFA7
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-113 of Human NDUFA7 (NP_004992.2).
Conjugation	Un-conjugated
Alternate Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7; B14.5a; NADH-ubiquinone oxidoreductase subunit B14.5a; CI-B14.5a; Complex I-B14.5a

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	MCF7
Observed Size	13 kDa

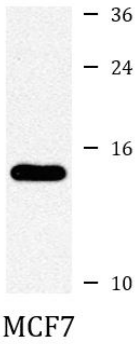
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	NDUFA7
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa
Background	This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain. [provided by RefSeq, Mar 2011]
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	13 kDa
Cellular Localization	Mitochondrion inner membrane, Peripheral membrane protein, Matrix side. [UniProt]

Images



ARG58974 anti-NDUFA7 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG58974 anti-NDUFA7 antibody at 1:1000 dilution.