



Rabbit Anti-NDUFS3/FITC Conjugated antibody

SL3888R-FITC

Product Name:	Anti-NDUFS3/FITC
Chinese Name:	FITC标记的Mitochondrion复合物NDUFS3蛋白抗体
Alias:	CI 30KD; Complex I 30KD; NADH-Ubiquinone Oxidoreductase Fe-S Protein 3; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; I-30kD; CI-30kD; NADH-ubiquinone oxidoreductase 30 kDa subunit.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	30kDa
Cellular localization:	The cell membrane Mitochondrion
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NDUFS3 (181-230aa)
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail:	background: The multisubunit NADH:ubiquinone oxidoreductase is the first enzyme complex in the electron transport chain of mitochondria. By use of chaotropic agents, complex I can be fragmented into 3 different fractions: a flavoprotein fraction, an iron-sulfur protein (IP) fraction, and a hydrophobic protein (HP) fraction. The IP fraction contains NDUFS1, NDUFS2, NDUFS3, NDUFS4, NDUFS5, NDUFS6, and NDUF5A.

Subunit:

Mammalian complex I is composed of 45 different subunits. Interacts with NDUFAF3.

Subcellular Location:

Mitochondrion inner membrane.

Similarity:

Belongs to the complex I 30 kDa subunit family.

Database links:

[Entrez Gene: 4722](#)Human

[Entrez Gene: 68349](#)Mouse

[Entrez Gene: 295923](#)Rat

[Omim: 603846](#)Human

[SwissProt: O75489](#)Human

[SwissProt: Q9DCT2](#)Mouse

[Unigene: 502528](#)Human

[Unigene: 30113](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.