

NDUFS8 Polyclonal Antibody

Catalog No: #29131



Package Size: #29131-1 50ul #29131-2 100ul

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Description

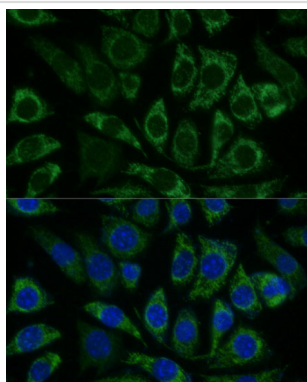
Product Name	NDUFS8 Polyclonal Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB IF/ICC
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human NDUFS8 (NP_002487.1).
Other Names	NDUFS8;CI-23k;CI23KD;TYKY
Accession No.	GeneID:4728Swiss Prot:O00217
Calculated MW	23kDa
SDS-PAGE MW	23kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 257% glycerol.
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.210.

Application Details

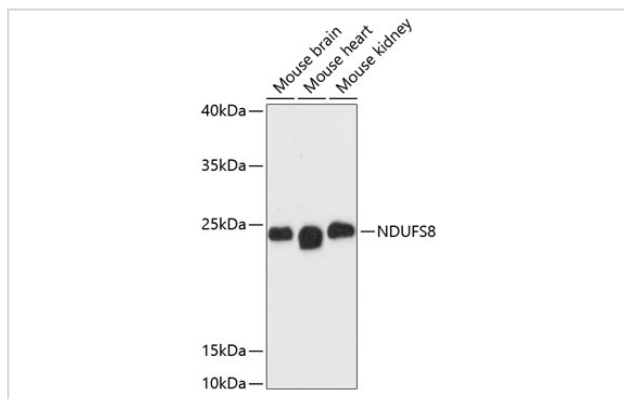
WB □ 1:500 - 1:2000

IF □ 1:50 - 1:100

Images



Immunofluorescence analysis of L929 cells using NDUFS8 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using NDUFS8 antibody at 1:3000 dilution.

Background

This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.