

[KO Validated] NDUFS2 Polyclonal Antibody

Catalog No.	A12858	Category	Polyclonal Antibodies
Applications	WB	Observed MW	49kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	51kDa/52kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 204-463 of human NDUFS2 (NP_004541.1).
Gene ID	4720
Swiss prot	O75306
Synonyms	NDUFS2; CI-49; NADH:ubiquinone oxidoreductase core subunit S2

Product information

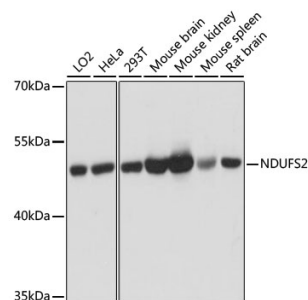
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

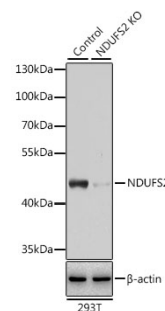
The protein encoded by this gene is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I). Mammalian mitochondrial complex I is composed of at least 43 different subunits, 7 of which are encoded by the mitochondrial genome, and the rest are the products of nuclear genes. The iron-sulfur protein fraction of complex I is made up of 7 subunits, including this gene product. Complex I catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 -
1:3000



Western blot - [KO Validated] NDUFS2 Polyclonal Antibody (A12858)



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