

[One Step]NDUFV2 Antibody Kit

Catalog No.: RK05672

Basic Information

Catalog No.

RK05672

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Observed MW

27kDa

Calculated MW

27kDa

Category

Antibody kit

Product Information

Source

Rabbit

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Background

The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes the 24 kDa subunit of complex I, and is involved in electron transfer. Mutations in this gene are implicated in Parkinson's disease, bipolar disorder, schizophrenia, and have been found in one case of early onset hypertrophic cardiomyopathy and encephalopathy. A non-transcribed pseudogene of this locus is found on chromosome 19.

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05672-1	NDUFV2 Rabbit pAb	1:1000 dilution
RK05672-2	HRP Goat Anti-Rabbit IgG (H+L)	1:4000 dilution

Immunogen Information

Gene ID

4729

Swiss Prot

P19404

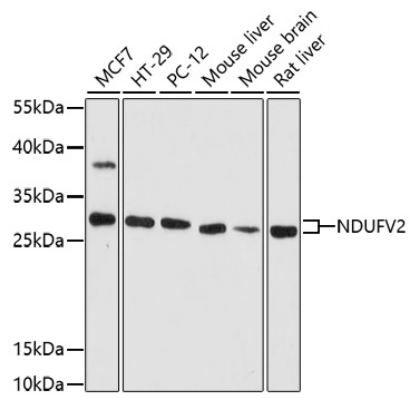
Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-249 of human NDUFV2 (NP_066552.2).

Synonyms

NDUFV2;CI-24k

Validation Data



Western blot analysis of extracts of various cells, using NDUFV2 antibody (A7442) at 1:1000 dilution ratio through one-step method.