

## NDUFV2 antibody

### Product Information

Catalog No.:	FNab05636
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

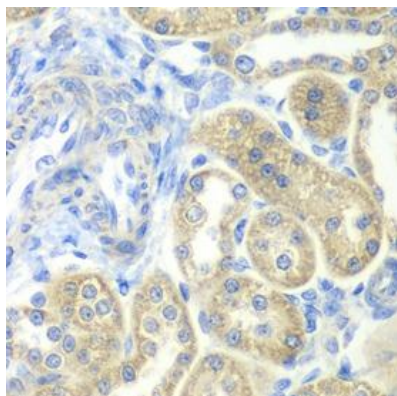
Immunogen:	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa
Synonyms:	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial (NDUFV2) NADH-ubiquinone oxidoreductase 24 kDa subunit NDUFV2
Observed MW:	27 kDa
Uniprot ID :	P19404

### Application

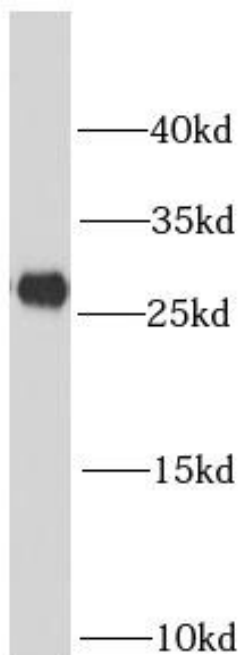
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab05636(NDUFV2 antibody) at dilution of 1:100



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab05636(NDUFV2 antibody) at dilution of 1:1000