

## NDUFV1 Polyclonal Antibody

Catalog number: 11238-1-AP

Size: 45 µg/150 µl

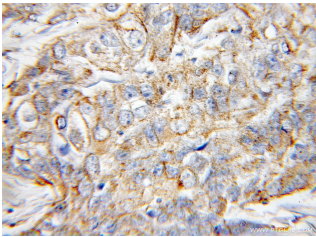
Source: Rabbit

Isotype: IgG

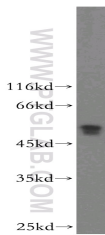
Synonyms:

NDUFV1; CI 51kD, Complex I

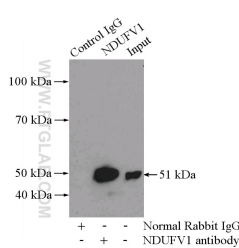
51kD, NDUFV1, UQOR1



Immunohistochemical of paraffin-embedded human lung cancer using 11238-1-AP(NDUFV1 antibody) at dilution of 1:50 (under 10x lens)



A431 cells were subjected to SDS PAGE followed by western blot with 11238-1-AP(NDUFV1 antibody) at dilution of 1:500



IP Result of anti-NDUFV1 (IP:11238-1-AP, 4µg; Detection:11238-1-AP 1:500) with A431 cells lysate 2000µg.

### Background

NDUFV1(NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial) is also named as UQOR1,Complex I-51kD and belongs to the complex I 51 kDa subunit family. It is the core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. It has 2 isoforms produced by alternative splicing. Defects in NDUFV1 are a cause of Leigh syndrome (LS) and mitochondrial complex I deficiency (MT-C1D).

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human, mouse
Calculated NDUFV1 MW:	51 kDa
Observed NDUFV1 MW:	51 kDa
Positive WB detected in	A431 cells, human brain tissue
Positive IP detected in	A431 cells
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1764
GenBank accession number:	BC015645
Gene ID (NCBI):	4723
Full name:	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.