

Anti-NDUFV2 Polyclonal Antibody

Cat: K108152P

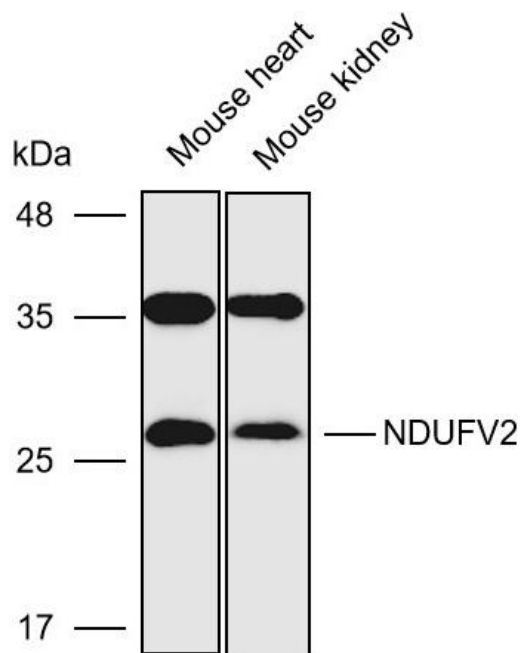
Summary:

【Product name】 : Anti-NDUFV2 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : P19404	【Gene ID】 : 4729
【Calculated】 : MW:27kDa	【Observed】 : MW:27kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:1000-3000. IHC1:100-300.	
【WB Positive sample】 : Mouse heart,Mouse kidney	
【IHC Positive sample】 : Human colorectal cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human NDUFV2	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

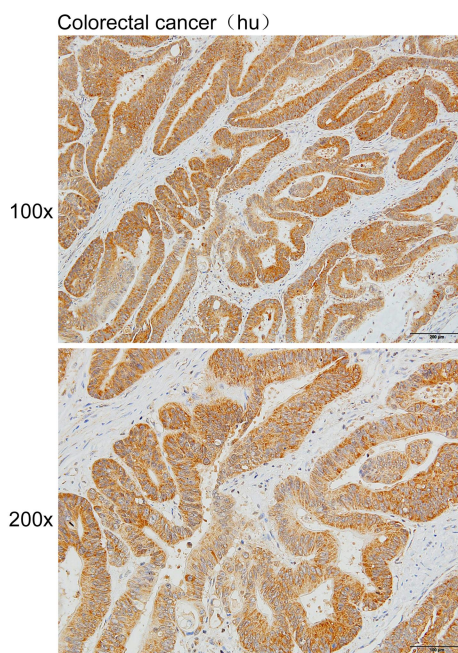
Background:

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.

Verified picture



Western blot analysis with NDUFV2 antibody diluted at 1:2000; Lane: Mouse heart, Mouse kidney



Immunohistochemistry of paraffin-embedded Human colorectal cancer with NDUFV2 antibody diluted at 1:200