

# NDUFB5 antibody

Catalog No: #22342



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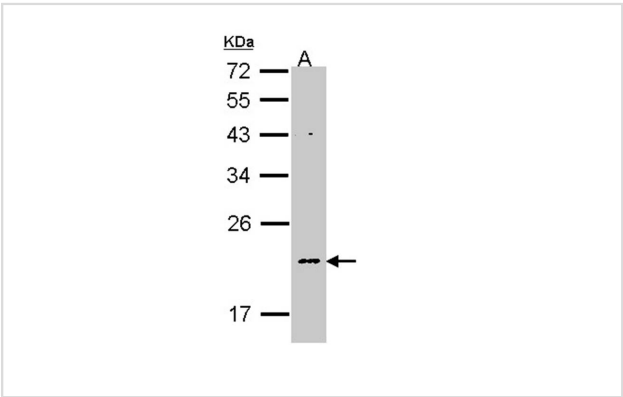
## Description

Product Name	NDUFB5 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 126 and 189 of human NDUFB5
Target Name	NDUFB5
Accession No.	Swiss-Prot:O43674Gene ID:4711
Uniprot	O43674
GeneID	4711;
Concentration	0.4mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

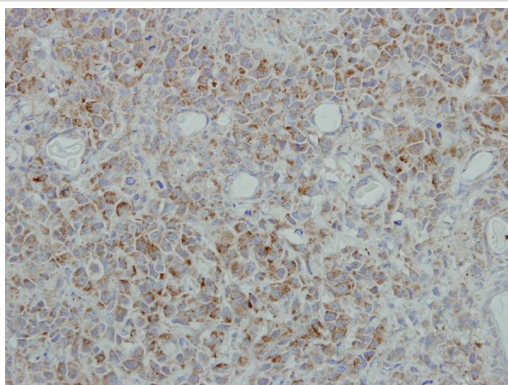
## Application Details

Predicted MW: 22kd
Western blotting: 1:500-1:3000
Immunohistochemistry: 1:50-1:500
Immunofluorescence: 1:100-1:200

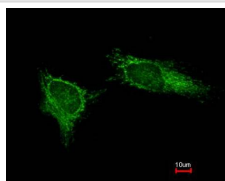
## Images



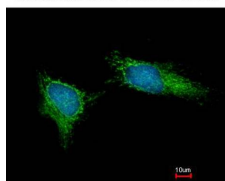
Sample (30 ug of whole cell lysate)  
A: Molt-4  
12% SDS PAGE  
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded HBL435 xenograft, using NDUFB5 antibody at 1: 500 dilution.



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HeLa, using NDUFB5 antibody at 1: 200 dilution.

## Background

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq]

Note: This product is for in vitro research use only