

NDUFS2 antibody

Catalog No: #22112

Package Size: #22112 100ul

Description

Product Name	NDUFS2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 200 and 400 of NDUFS2
Conjugates	Unconjugated
Target Name	NDUFS2
Accession No.	Swiss-Prot:O75306Gene ID:4720
Concentration	0.9mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% 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.

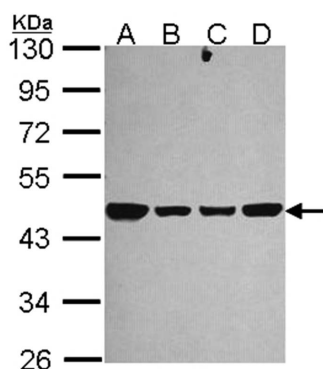
Application Details

Predicted MW: 53kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images



Sample (30 ug of whole cell lysate)

A: 293T

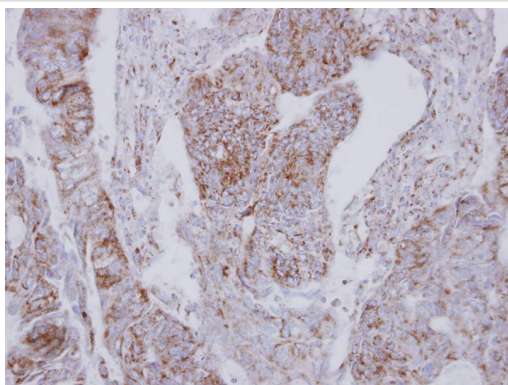
B: A431

C: JurKat

D: Raji

10% SDS PAGE

Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Colon ca, using NDUFS2 antibody at 1: 250 dilution.

Background

Mitochondrial complex I (NADH-ubiquinone reductase; EC 1.6.5.3) is the first multimeric complex of the respiratory chain that catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mammalian mitochondrial complex I is an assembly of at least 43 different subunits. Seven of the subunits are encoded by the mitochondrial genome; the remainder are the products of nuclear genes. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits, including NDUFS2. See NDUFS1 (MIM 157655).[supplied by OMIM]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.