

Anti-NDUFS3 Antibody (2K991)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2K991
Purification:	Affinity-chromatography

Applications

Verified Activity:	1. Western Blot -Positive WB detected in: 293 whole cell lysate, HepG2 whole cell lysate, -All lanes: NDUFS3 antibody at 1:2000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 31, 15 KDa -Observed band size: 31 kDa
	2. IHC image of TMAH-00807 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human NDUFS3
Antigen Species:	Human
Gene ID:	4722
Uniprot ID:	O75489
Synonyms:	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3;mitochondrial;NADH-ubiquinone oxidoreductase 30 kDa subunit;NDUFS 3;CI-30kD;EC 1.6.99.3;Complex I-30kD;EC 1.6.5.3
Biology Area:	Cancer, Cell biology, Metabolism, Signal transduction

Research Background

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor. Essential for the catalytic activity and assembly of complex I.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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