

Anti-NDUFA1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Horse)
Molecular Weight:	Theoretical: 8 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: mouse embryo tissue 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-NDUFA1 Polyclonal Antibody, Unconjugated (TMAB-09304) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NDUFA1
Antigen Species:	Human
Gene ID:	4694
Uniprot ID:	O15239

Research Background

NDUFA1 (NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1) is an essential component of the multisubunit NADH ubiquinone oxidoreductase (complex 1), the first enzyme complex in the mitochondrial respiratory chain. Complex I transfers electrons from NADH to the respiratory chain via ubiquinone.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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