

Anti-NDUFA9 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 34 kDa. Actual: 34 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Kidney (Mouse) Lysate at 40 µg Primary: Anti-NDUFA9 (TMAB-09308) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/5000 dilution Predicted band size: 34 kD Observed band size: 34 kD</p> <p>2. Blank control: Mouse spleen. Primary Antibody (green line): Rabbit Anti-NDUFA9/AF647 Conjugated antibody (TMAB-09308-AF647) Dilution: 2 µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG-AF647. Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were stained with Primary Antibody for 30 min at room temperature. Acquisition of 20,000 events was performed.</p>
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 2µg/Test

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 NDUFA9
Antigen Species:	Human
Gene ID:	4704
Uniprot ID:	Q16795

Research Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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