bs-3957R

[Primary Antibody]

NDUFA10 Rabbit pAb



400-901-9800

- DATASHEET		400-901-9800
Host: Rabbit	Isotype: lgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GenelD: 4705	SWISS: 095299	
Target: NDUFA10		
Immunogen: KLH conjugated sy 201-300/355.	nthetic peptide derived from human NDUFA10:	
Purification: affinity purified by Protein A		Reactivity: Mouse (predicted: Human, Rat)
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: ^{36 kDa}
Background: NDUFA10 protein belongs to the complex I 42kDa subunit family. Mammalian complex I is the first enzyme complex in the electron transport chain of mitochondria. It is composed of 45 different subunits. This protein is a component of the hydrophobic protein fraction and has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain.		Subcellular Location: ^{Cytoplasm}

- VALIDATION IMAGES -



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-NDUFA10 (bs-3957R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 40 kD

• [IF=7.129] Wang Yang. et al. Benzo[a]pyrene inhibits testosterone biosynthesis via NDUFA10-mediated mitochondrial compromise in mouse Leydig cells: Integrating experimental and in silico toxicological approaches. ECOTOX ENVIRON SAFE. 2022 Oct;244:114075 WB ;MOUSE. 36108438