

bs-22462R**[Primary Antibody]****MT-ND6 Rabbit pAb****BioSS**
ANTIBODIES

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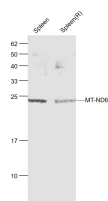
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Rabbit)
Target: MT-ND6		Predicted MW.: 19 kDa
Immunogen: KLH conjugated synthetic peptide derived from mouse MT-ND6: 31-130/172.		Subcellular Location: Cytoplasm
Purification: affinity purified by Protein A		
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.		
Background: NADH Dehydrogenase subunit 6 (MTND6) is 1 of the 7 mitochondrial DNA (mtDNA) encoded subunits (MTND1, MTND2, MTND3, MTND4L, MTND4, MTND5, MTND6) included among the approximately 41 polypeptides of respiratory Complex I. Complex I accepts electrons from NADH, transfers them to ubiquinone (Coenzyme Q10), and uses the energy released to pump protons across the mitochondria inner membrane. MTND6 has been proposed to be a component of the iron-protein fragment.		

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug Spleen
(Rat) Lysate at 40 ug Primary: Anti-MT-ND6
(bs-22462R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 24 kD Observed
band size: 24 kD

— SELECTED CITATIONS —

- **[IF=7.7]** Yu Yang, et al. Deficiency of SLC26A3 promotes jejunal barrier damage in metabolic disease-susceptible transgenic pigs. INT J BIOL MACROMOL. 2024 Oct;;136245 WB ;Pig. 39368571