

bs-11738R**[Primary Antibody]****Nmnat1 Rabbit pAb****BioSS**
ANTIBODIES

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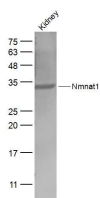
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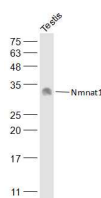
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Sheep, Cow, Chicken, Dog)
GeneID: 64802	SWISS: Q9HAN9	
Target: Nmnat1		Predicted MW.: 32 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Nmnat1: 201-279/279.		Subcellular Location: Nucleus
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: Nicotinamide adenine dinucleotide (NMNAT) is an essential cofactor involved in fundamental processes in cell metabolism. NMNAT plays a key role in NAD(+) biosynthesis, catalysing the condensation of nicotinamide mononucleotide and ATP, and yielding NAD(+) and pyrophosphate. NMNAT appears to be a substrate of nuclear kinases and contains at least three potential phosphorylation sites. The interaction of NMNAT with nuclear proteins is likely to be modulated by phosphorylation. NMNAT is widely expressed with highest levels in skeletal muscle, heart, liver and kidney.		

— VALIDATION IMAGES —

Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti-Nmnat1 (bs-11738R) at 1/500 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 32 kD
Observed band size: 32 kD



Sample: Testis (Mouse) Lysate at 40 ug Primary:
Anti-Nmnat1 (bs-11738R) at 1/500 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 32 kD
Observed band size: 32 kD

— SELECTED CITATIONS —

- **[IF=0.496]** Chuanjiang He. et al. MiRNA-494 specifically inhibits SIRT3-mediated microglia activation in sepsis-associated encephalopathy. TRANSL CANCER RES. 2022 Jul; 11(7): 2299–2309 WB ;Rat. 35966295