

bs-9610R**[Primary Antibody]****Bioss**
ANTIBODIES

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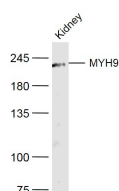
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MYH9 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Pig, Cow)
GeneID: 4627	SWISS: P35579	
Target: MYH9		Predicted MW.: 226 kDa
Immunogen: KLH conjugated synthetic peptide derived from human MYH9: 151-250/1960.		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: Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Defects in MYH9 are the cause of May-Hegglin anomaly (MHA) . MHA is an autosomal dominant macrothrombocytopenia characterized by thrombocytopenia, giant platelets and leukocyte inclusions appearing as highly parallel paracrystalline bodies.		

VALIDATION IMAGES

Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti-MYH9 (bs-9610R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 226 kD
Observed band size: 226 kD

SELECTED CITATIONS

- **[IF=8.469]** Que, Tianshi. et al. HMGA1 stimulates MYH9-dependent ubiquitination of GSK-3 β via PI3K/Akt/c-Jun signaling to promote malignant progression and chemoresistance in gliomas. Cell Death Dis. 2021 Dec;12(12):1-12 WB,IF ;Human. 34887392
- **[IF=8.2]** Chun Huang. et al. Whole-transcriptome analysis of longissimus dorsi muscle in cattle-yaks reveals the regulatory functions of ADAMTS6 gene in myoblasts. INT J BIOL MACROMOL. 2024 Mar;262:129985 WB ;Mouse. 38342263