

bs-0235R**[Primary Antibody]****Bioss**
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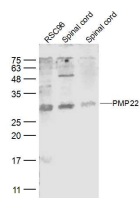
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PMP22 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 5376 Target: PMP22 Immunogen: KLH conjugated synthetic peptide derived from human PMP22: 101-160/160. < Extracellular > 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: PMP22 is a 22 kDa glycoprotein expressed in the compact myelin of the peripheral nervous system. In the peripheral nervous system, PMP 22 is produced by myelinating Schwann cells and is coexpressed with the genes for myelin basic protein (MBP) during nerve development and regeneration. Alterations in the level of this protein cause several genetic human diseases. If the protein is duplicated, patients develop Charcot Marie Tooth disease. If one copy of the gene is deleted, they suffer from the inherited tendency to pressure palsies.	Isotype: IgG SWISS: Q01453	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human) Predicted MW.: 22 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: RSC96 (Mouse) CellLysate at 30 ug
 Spinal cord (Mouse) Lysate at 40 ug Spinal cord
 (Rat) Lysate at 40 ug Primary: Anti-PMP22
 (bs-0235R) at 1/500 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 22 kD Observed
 band size: 27 kD

— SELECTED CITATIONS —

- **[IF=0]** H Xuan et al. Freestanding Hyaluronic Acid/Silk-based Self-healing Coating towards Tissue Repair with Antibacterial Surface. ACS Appl. Bio Mater., (Web): 28 Jan 2020. WB ;Rat. doi:10.1021/acsabm.9b01196