

**bs-2926R****[ Primary Antibody ]****Syndecan 4 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 6385	<b>SWISS:</b> P31431	<b>Reactivity:</b> Human, Cow (predicted: Mouse, Rat, Pig, Dog)
<b>Target:</b> Syndecan 4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Syndecan 4: 101-198/198. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 20 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Storage:</b> 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.		
<b>Background:</b> Syndecans are type I integral membrane proteoglycans that are involved in cell-extracellular matrix adhesion and growth factor binding. Syndecan 1 is a matrix receptor which binds to Collagens, Fibronectin and Thrombospondin. Syndecan 1 and Syndecan 3 interact with MK (midkine), a growth/differentiation factor involved in embryogenesis. Syndecan 2 is highly expressed at areas of high morphogenetic activity, such as epithelial-mesenchymal interfaces and the prechondrogenic and preosteogenic mesenchymal condensations. Syndecan 4 functions cooperatively with integrins in the processes of cell spreading and focal adhesion assembly. Syndecan-4 is a transmembrane protein specifically enriched in Schwann cell perinodal processes.		

**— SELECTED CITATIONS —**

- **[IF=10.7]** Zheng Li. et al. RNA splicing controls organ-wide maturation of postnatal heart in mice. DEV CELL. 2024 Oct 14 IF ;Mouse. 39406241
- **[IF=2.97]** Hambruch, N., et al. "Bovine placentomal heparanase and syndecan expression is related to placental maturation." Placenta. IHC ;="Bovine". 28864018