
Syndecan 4 Rabbit pAb

Catalog Number: bs-2926R

Target Protein: Syndecan 4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Human, Cow (predicted:Mouse, Rat, Pig, Dog)

Predicted MW: 20 kDa

Entrez Gene: 6385

Swiss Prot: P31431

Source: KLH conjugated synthetic peptide derived from human Syndecan 4: 101-198/198.

Purification: affinity purified by Protein A

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: 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.

PRODUCT SPECIFIC PUBLICATIONS

[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 placental heparanase and syndecan expression is related to placental maturation." Placenta. IHC ; ="Bovine" . 28864018