

Syndecan-4 (K175) polyclonal antibody

Catalog: BS2994

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Syndecans are type I integral membrane proteoglycans that contain both chondroitin sulfate and heparan sulfate groups. Syndecans are involved in cell-extracellular matrix adhesion and growth factor binding. Syndecan-1 (SYND1, also called CD138) is an 85-92 kDa extracellular matrix receptor, which binds to Collagens, Fibronectin and Thrombospondin. Syndecan-1 and Syndecan-3 (also designated N-Syndecan) interact with MK (midkine), a growth/differentiation factor involved in embryogenesis of the central nervous system. Syndecan-2 (also designated Fibroglycan) is highly expressed at areas of high morphogenetic activity, such as epithelial-mesenchymal interfaces and the prechondrogenic and preosteogenic mesenchymal condensations. Syndecan-4 (also designated Amphiglycan or Ryudocan) functions cooperatively with integrins in the processes of cell spreading, focal adhesion assembly and actin stress fiber assembly.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

P31431

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

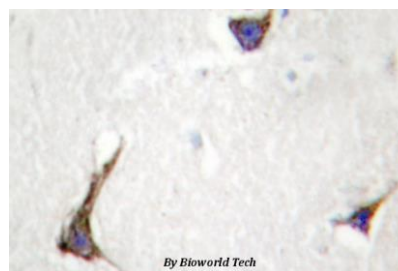
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Syndecan-4 (K175) polyclonal antibody detects endogenous levels of Syndecan-4 protein.

DATA:



Immunohistochemistry (IHC) analyzes of Syndecan-4 (K175) pAb in paraffin-embedded human brain tissue .

Note:

For research use only, not for use in diagnostic procedure.

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