## bs-1904R

## [ Primary Antibody ]

# Syndecan 2 Rabbit pAb

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GeneID:** 6383 **SWISS:** P34741

Target: Syndecan 2

**Immunogen:** KLH conjugated synthetic peptide derived from human

Syndecan-2: 101-201/201. < Cytoplasmic >

**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:** The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types. [provided by RefSeq].

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Mouse,

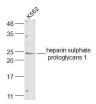
Rat, Pig, Cow, Chicken, Dog,

Horse)

Predicted 20 kDa MW.:

Subcellular Location: Cell membrane ,Cytoplasm

## - VALIDATION IMAGES -



Sample: K562(Human) Cell Lysate at 30 ug Primary: Anti-heparin sulphate protoglycans 1 (bs-1904R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kD Observed band size: 24 kD

### - SELECTED CITATIONS -

- [IF=4.8] Yan Du. et al. Targeting SDCBP2 in acute myeloid leukemia. CELL SIGNAL. 2023 Sep;:110889 IHC; Mouse. 37714445
- [IF=2.97] Hambruch, N., et al. "Bovine placentomal heparanase and syndecan expression is related to placental maturation." Placenta. IHC; Bovine. 28864018