

CD138 Polyclonal Antibody

Catalog # AP68907

Product Information

ApplicationWBPrimary AccessionP18827ReactivityHuman, RatHostRabbitClonalityPolyclonalCalculated MW32462

Additional Information

Gene ID 6382

Other Names SDC1; SDC; Syndecan-1; SYND1; CD antigen CD138

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name SDC1 (<u>HGNC:10658</u>)

Synonyms SDC

Function Cell surface proteoglycan that contains both heparan sulfate and

chondroitin sulfate and that links the cytoskeleton to the interstitial matrix (By similarity). Regulates exosome biogenesis in concert with SDCBP and PDCD6IP

(PubMed:<u>22660413</u>). Able to induce its own expression in dental

mesenchymal cells and also in the neighboring dental epithelial cells via an

MSX1-mediated pathway (By similarity).

Cellular Location Membrane; Single-pass type I membrane protein. Secreted Secreted,

extracellular exosome Note=Shedding of the ectodomain produces a soluble

form

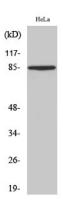
Tissue Location Detected in placenta (at protein level) (PubMed:32337544). Detected in

fibroblasts (at protein level) (PubMed:36213313).

Background

Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:22660413).

Images



Western Blot analysis of various cells using CD138 Polyclonal Antibody

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