
Summary

Production Name	Syndecan-4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,IHC,WB,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SDC4
Alternative Names	SDC4; Syndecan-4; SYND4; Amphiglycan; Ryudocan core protein
Gene ID	6385.0
SwissProt ID	P31431.The antiserum was produced against synthesized peptide derived from human Syndecan4. AA range:145-194

Application

Dilution Ratio	WB 1:500 - 1:2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	22kD

Product Name: Syndecan-4 Rabbit Polyclonal Antibody
Catalog #: APRab18504



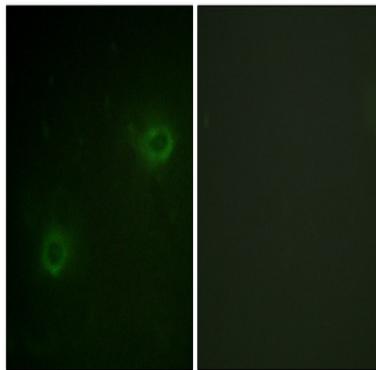
Background

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008],function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family.,subunit:Homodimer. Interacts with CDCP1, with GIPC PDZ domain and with NUDT16L1/SDOS (By similarity). Interacts with SDCBP.,tissue specificity:Expressed in epithelial and fibroblastic cells.,

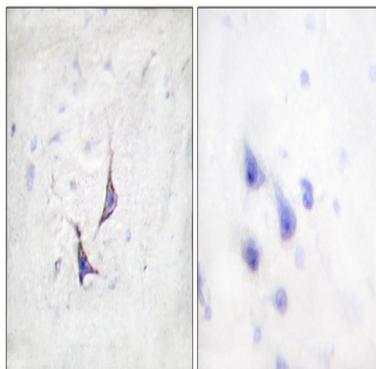
Research Area

ECM-receptor interaction;Cell adhesion molecules (CAMs);

Image Data

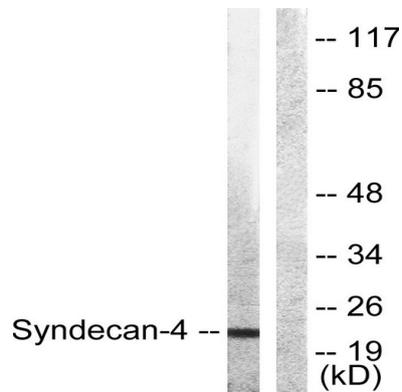


Immunofluorescence analysis of HeLa cells, using Syndecan4 Antibody. The picture on the right is blocked with the synthesized peptide.

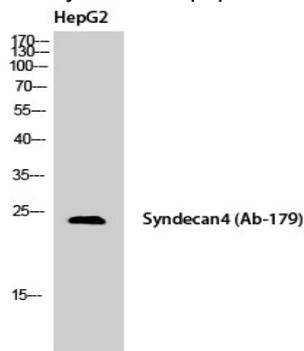


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Syndecan4 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HepG2 cells, using Syndecan-4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of HepG2 cells using Syndecan-4 Polyclonal Antibody

Note

For research use only.