

Syndecan-4 rabbit pAb

Cat#: orb770012 (Manual)

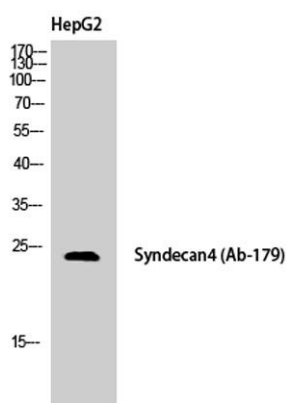
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Product Name	Syndecan-4 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Syndecan4. AA range: 145-194
Specificity	Syndecan-4 Polyclonal Antibody detects endogenous levels of Syndecan-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Syndecan-4
Gene Name	SDC4
Cellular localization	[Isoform 1]: Membrane ; Single-pass type I membrane protein . Secreted . Shedding of the ectodomain produces a soluble form. .; [Isoform 2]: Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

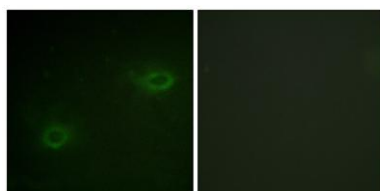
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	6385
Human Swiss-Prot Number	P31431
Alternative Names	SDC4; Syndecan-4; SYND4; Amphiglycan; Ryudocan core protein

Background

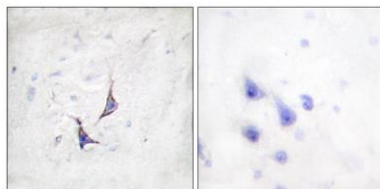
The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008],



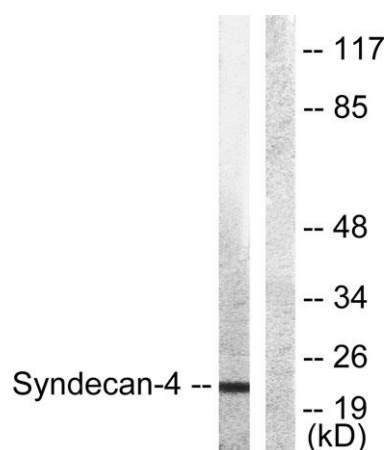
Western Blot analysis of HepG2 cells using Syndecan-4 Polyclonal Antibody



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.



Western blot analysis of lysates from HepG2 cells, using Syndecan4 Antibody. The lane on the right is blocked with the synthesized peptide.