

**Syndecan-4 Polyclonal Antibody**  
Catalog # AP72674**Specification**

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**Syndecan-4 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31431</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**Syndecan-4 Polyclonal Antibody - Additional Information****Gene ID** 6385**Other Names**

SDC4; Syndecan-4; SYND4; Amphiglycan; Ryudocan core protein

**Dilution**

WB~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.

**Format**

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

**Storage Conditions**

-20°C

**Syndecan-4 Polyclonal Antibody - Protein Information****Name** SDC4 ([HGNC:10661](#))**Function**

Cell surface proteoglycan which regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:&lt;a href="http://www.uniprot.org/citations/22660413" target="\_blank"&gt;22660413&lt;/a&gt;).

**Cellular Location**

[Isoform 1]: Membrane; Single-pass type I membrane protein. Secreted. Note=Shedding of the ectodomain produces a soluble form.

**Tissue Location**

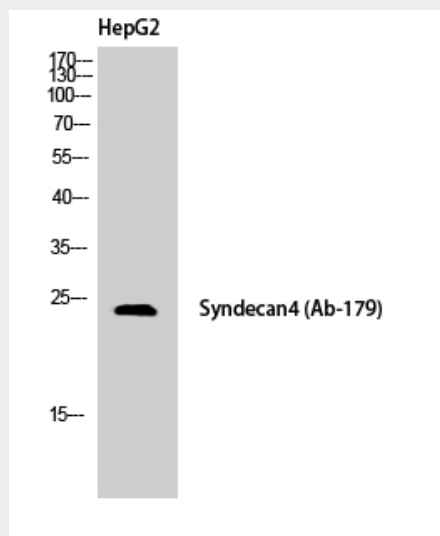
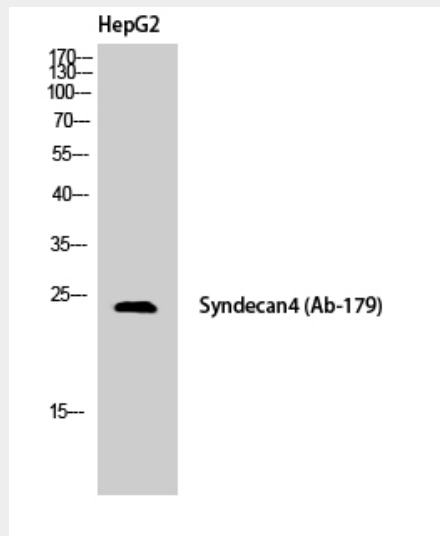
Detected in fibroblasts (at protein level) (PubMed:1500433, PubMed:36213313). Also expressed in epithelial cells (PubMed:1500433).

**Syndecan-4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Syndecan-4 Polyclonal Antibody - Images



### Syndecan-4 Polyclonal Antibody - Background

Cell surface proteoglycan that bears heparan sulfate. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:22660413).