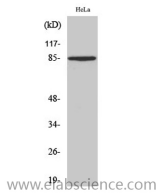


## CD138 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-30805	<b>Reactivity</b>	H,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western Blot analysis of HeLa cells with CD138 Polyclonal Antibody.

### Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human CD138
<b>Swissprot</b>	P18827
<b>Synonyms</b>	SDC1,SDC,Syndecan-1,SYND1,CD antigen CD138

### Product Information

<b>Calculated MW</b>	32kDa
<b>Observed MW</b>	33kDa
<b>Buffer</b>	PBS with 0.02% sodium azide,0.5% BSA and 50% glycerol pH 7.4.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, ELISA 1:20000

### 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-1 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-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.