

## Syndecan-2 Polyclonal Antibody

<b>Catalog No :</b>	YT4490
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Syndecan-2
<b>Fields :</b>	>>Cell adhesion molecules;>>Malaria;>>Proteoglycans in cancer;>>Fluid shear stress and atherosclerosis
<b>Gene Name :</b>	SDC2
<b>Protein Name :</b>	Syndecan-2
<b>Human Gene Id :</b>	6383
<b>Human Swiss Prot No :</b>	P34741
<b>Mouse Swiss Prot No :</b>	P43407
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SDC2. AA range:81-130
<b>Specificity :</b>	Syndecan-2 Polyclonal Antibody detects endogenous levels of Syndecan-2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 22kD

**Cell Pathway :** ECM-receptor interaction;Cell adhesion molecules (CAMs);

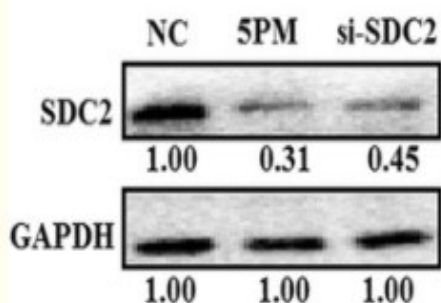
**Background :** The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 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-2 expression has been detected in several different tumor types. [provided by RefSeq, Jul 2008],

**Function :** function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family.,

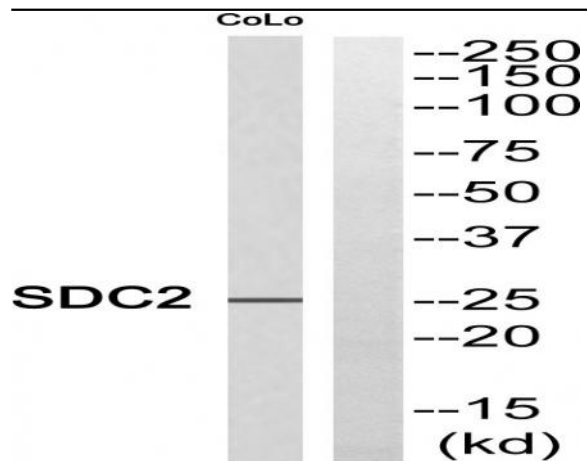
**Subcellular Location :** Membrane; Single-pass type I membrane protein.

**Expression :** Brain,Embryo,Lung fibroblast,Muscle,Testis,

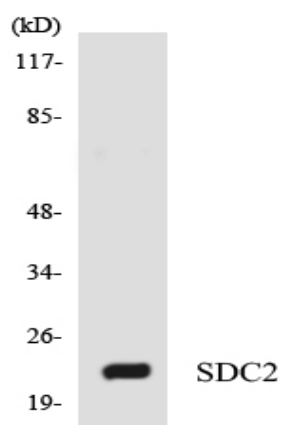
## Products Images



Zhao, Fangfang, et al. "MiR-20a-5p represses the multi-drug resistance of osteosarcoma by targeting the SDC2 gene." *Cancer cell international* 17.1 (2017): 100.



Western blot analysis of SDC2 Antibody. The lane on the right is blocked with the SDC2 peptide.



Western blot analysis of the lysates from RAW264.7 cells using SDC2 antibody.