



# Syndecan-2 Polyclonal Antibody

<b>Catalog No</b>	BYab-04231
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	SDC2
<b>Protein Name</b>	Syndecan-2
<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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SDC2; HSPG1; Syndecan-2; SYND2; Fibroglycan; Heparan sulfate proteoglycan core protein; HSPG; CD antigen CD362
<b>Observed Band</b>	22kD
<b>Cell Pathway</b>	Membrane; Single-pass type I membrane protein.
<b>Tissue Specificity</b>	Brain,Embryo,Lung fibroblast,Muscle,Testis,
<b>Function</b>	function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family.,
<b>Background</b>	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

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several different tumor types. [provided by RefSeq, Jul 2008],

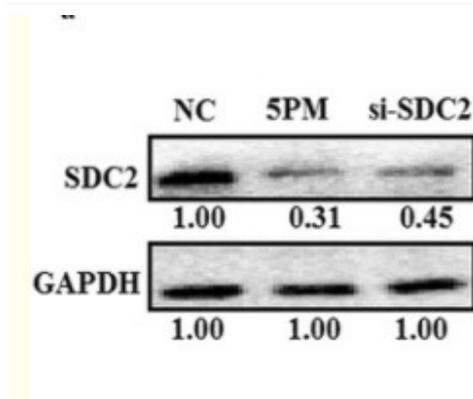
**matters needing attention**

Avoid repeated freezing and thawing!

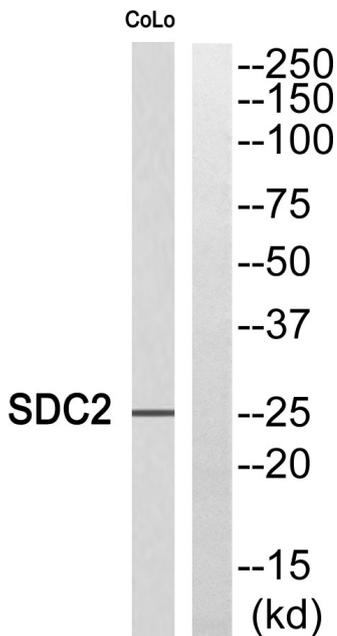
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

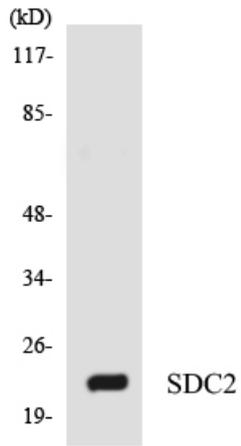


Zhao, Fangfang, et al. "MiR-20a-5p represses the multi-drug resistance of osteosarcoma by targeting the SDC2 gene." *Cancer cell international* 17.1 (2017): 100.



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

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