



Syndecan-2 Polyclonal Antibody

Catalog No	YP-Ab-04231
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SDC2
Immunogen	The antiserum was produced against synthesized peptide derived from human SDC2. AA range:81-130
Specificity	Syndecan-2 Polyclonal Antibody detects endogenous levels of Syndecan-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HSPG;CD362;HSPG1;SYND2;SDC2;Syndecan-2;Fibroglycan;Heparan sulfate proteoglycan core protein;CD antigen CD362
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Brain,Embryo,Lung fibroblast,Muscle,Testis,
Function	function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family.,
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],

matters needing attention

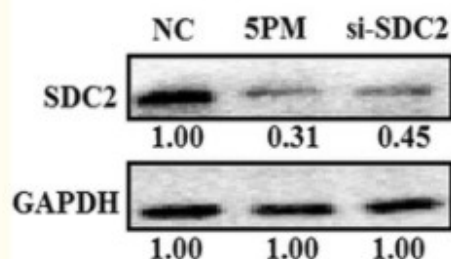
Avoid repeated freezing and thawing!

Usage suggestions

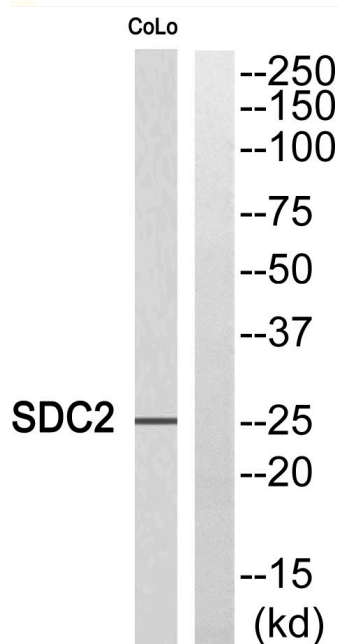
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



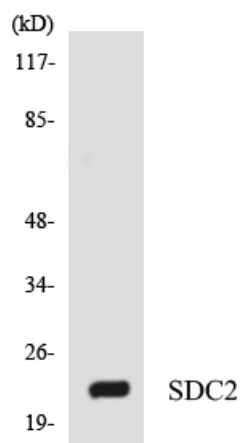
Products Images



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.



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