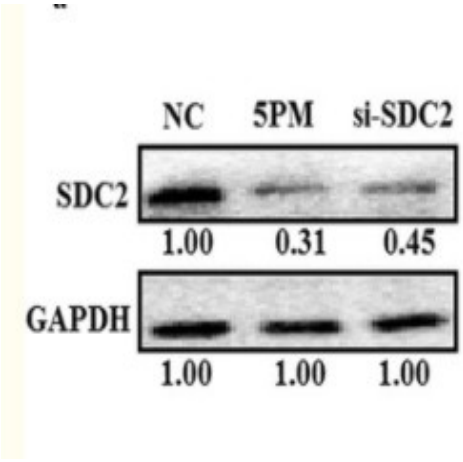
Best Tools for immunology Research

Syndecan-2 Polyclonal Antibody

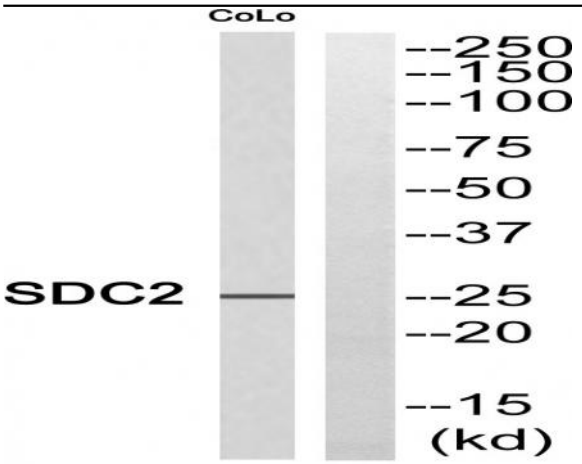
Catalog No :	YT4490
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	Syndecan-2
Fields :	>>Cell adhesion molecules;>>Malaria;>>Proteoglycans in cancer;>>Fluid shear stress and atherosclerosis
Gene Name :	SDC2
Protein Name :	Syndecan-2
Human Gene Id :	6383
Human Swiss Prot No :	P34741
Mouse Swiss Prot No :	P43407
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	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,
Tag :	orthogonal,knockdown
Sort :	1223
No4 :	1

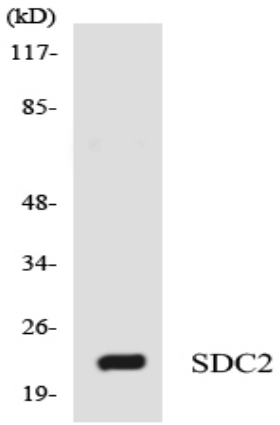
Products Images



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 RAW264.7cells using SDC2 antibody.