

## SDC2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 22kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human SDC2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HSPG; CD362; HSPG1; SYND2;

**Catalog #:** A1810

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6383

**Isotype:** IgG

**Swiss Prot:** P34741

**Purity:** Affinity purification

For research use only.

**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]

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