

CAB1235**Product Information**

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|---------------------|---------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB1235 | Gene ID: | 6382 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse |

Additional Information

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|-----------------------|-------------|-------------------|--------------|
| Observed MW: | 32kDa/96kDa | Conjugate: | Unconjugated |
| Calculated MW: | 32kDa | Isotype: | IgG |

Immunogen Information

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-1 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-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length natures of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

Recommended Dilution: WB:1:500 - 1:2000 IHC-P:1:50 - 1:200

Synonyms: SDC; CD138; SYND1; syndecan; CD138/Syndecan-1

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 25-240 of human CD138/Syndecan-1 (NP_002988.4).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.