

**Syndecan-3 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10638****Specification**

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**Syndecan-3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O75056</a>
Reactivity	Human, Mouse, Rat, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45497

**Syndecan-3 Antibody - Additional Information****Gene ID** 9672**Application & Usage****Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Other applications have not been determined.****Other Names**

N-syndecan , SDC3 , SDCN , SYND3

**Target/Specificity**

Syndecan-3

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-Syndecan-3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

Syndecan-3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Syndecan-3 Antibody - Protein Information

**Name** SDC3

**Synonyms** KIAA0468

### Function

Cell surface proteoglycan that may bear heparan sulfate (By similarity). May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism.

### Cellular Location

Cell membrane; Single-pass type I membrane protein

### Tissue Location

Expressed in the nervous system, the adrenal gland, and the spleen.

## Syndecan-3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Syndecan-3 Antibody - Images

## Syndecan-3 Antibody - Background

Syndecans are type I integral membrane proteoglycans that are involved in cell-extracellular matrix adhesion and growth factor binding. Syndecan-1 is a matrix receptor which binds to Collagens, Fibronectin and Thrombospondin. Syndecan-1 and Syndecan-3 interact with MK (midkine), a growth/differentiation factor involved in embryogenesis. Syndecan-2 is highly expressed at areas of high morphogenetic activity, such as epithelial-mesenchymal interfaces and the prechondrogenic and preosteogenic mesenchymal condensations. Syndecan-4 functions cooperatively with integrins in the processes of cell spreading and focal adhesion assembly.