

## Syndecan-4 (Phospho Ser179) Rabbit pAb

CatalogNo: YP1150

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, IF, ELISA

#### MW

- 22kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:20000

Not yet tested in other applications.

### Storage

#### Storage\*

-15°C to -25°C/1 year (Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

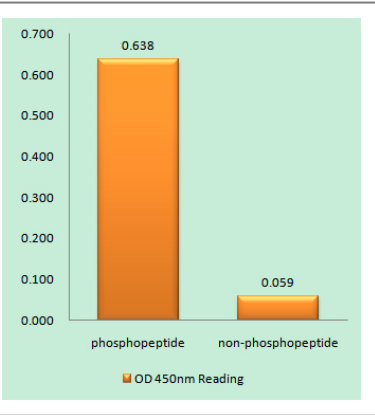
The antiserum was produced against synthesized peptide derived from human Syndecan4 around the phosphorylation site of Ser179. AA range: 145-194

**Specificity** Phospho-Syndecan-4 (S179) Polyclonal Antibody detects endogenous levels of Syndecan-4 protein only when phosphorylated at S179. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):EGsYD

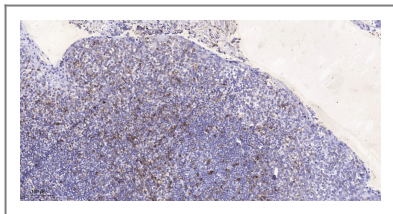
Target Information

Gene name	SDC4		
Protein Name	Syndecan-4		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">6385</a> ;	<a href="#">P31431</a> ;
	Mouse	<a href="#">20971</a> ;	<a href="#">Q35988</a> ;
	Rat	<a href="#">24771</a> ;	<a href="#">P34901</a> ;
Cellular Localization	[Isoform 1]: Membrane ; Single-pass type I membrane protein . Secreted . Shedding of the ectodomain produces a soluble form. .; [Isoform 2]: Secreted.		
Tissue specificity	Expressed in epithelial and fibroblastic cells.		
Function	Function:Cell surface proteoglycan that bears heparan sulfate.,Function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family.,subunit:Homodimer. Interacts with CDCP1, with GIPC PDZ domain and with NUDT16L1/SDOS (By similarity). Interacts with SDCBP.,tissue specificity:Expressed in epithelial and fibroblastic cells.,		

Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Syndecan4 (Phospho-Ser179) Antibody



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

## | Contact information

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Please scan the QR code  
to access additional  
product information:  
**Syndecan-4**  
**(Phospho Ser179)**  
**Rabbit pAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)