

Product datasheet

Anti-Syndecan-1 antibody ab60199

6 References 2 Images

Overview

<b>Product name</b>	Anti-Syndecan-1 antibody
<b>Description</b>	Rabbit polyclonal to Syndecan-1
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Hamster, Human
<b>Immunogen</b>	Synthetic peptide (Human) surrounding amino acid 298
<b>Positive control</b>	Mouse tissue lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 30% Glycerol, 0.5% BSA, PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab60199** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 34 kDa).

Target

**Function** Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links

the cytoskeleton to the interstitial matrix.

**Sequence similarities**

Belongs to the syndecan proteoglycan family.

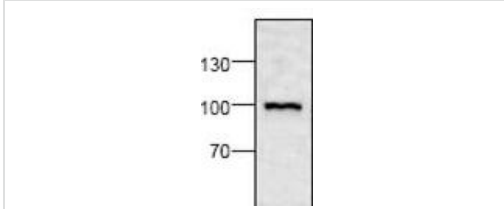
**Cellular localization**

Membrane.

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**Images**

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Western blot - Anti-Syndecan-1 antibody (ab60199)

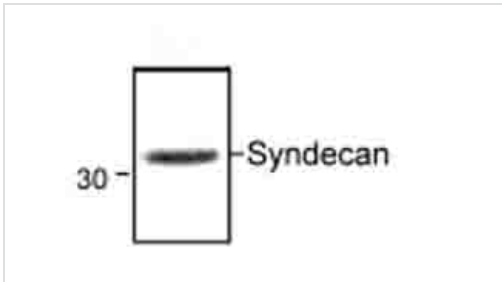
Anti-Syndecan-1 antibody (ab60199) at 4  $\mu$ g/ml + Mouse tissue lysate

**Predicted band size :** 34 kDa

**Observed band size :** 100 kDa

The observed band size is larger than predicted due to hapan sulfate and chondroitin sulfate modifications.

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Western blot - Anti-Syndecan-1 antibody (ab60199)

Image from Taylor DR et al, PLoS Pathog. 2009 Nov;5(11):e1000666. Epub 2009 Nov 20, Fig 6.

Anti-Syndecan-1 antibody (ab60199) at 1/2000 dilution + lysate prepared from ScN2a cells.

### Secondary

peroxidase-conjugated secondary  
Developed using the ECL technique

**Predicted band size : 34 kDa**

*Image from Taylor DR et al, PLoS Pathog. 2009 Nov;5(11):e1000666. Epub 2009 Nov 20, Fig 6.*

Samples were prepared in dissociation buffer and boiled for 5 minutes. Proteins were resolved by SDS-PAGE using either 7–17% polyacrylamide gradient gels or 14.5% polyacrylamide gels. For western blot analysis, resolved proteins were transferred to Immobilon P polyvinylidene difluoride membrane. The membrane was blocked by incubation for 1 hour with phosphate-buffered saline containing 0.1% (v/v) Tween-20 and 5% (w/v) dried milk powder. Antibody incubations were performed in phosphate-buffered saline-Tween containing 2% (v/v) bovine serum albumin. Horseradish peroxidase-conjugated streptavidin was used at 1/2000.

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