

Product datasheet

Anti-Syndecan-1 antibody ab60199

[9 References](#) [2 Images](#)

Overview

Product name	Anti-Syndecan-1 antibody
Description	Rabbit polyclonal to Syndecan-1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide (Human) surrounding amino acid 298
Positive control	Mouse tissue lysate
General notes	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3643R Syndecan-1 Antibody. 3643R-100 is the same size as the 100 µg size of ab60199.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA</p>
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab60199 in the following tested applications.

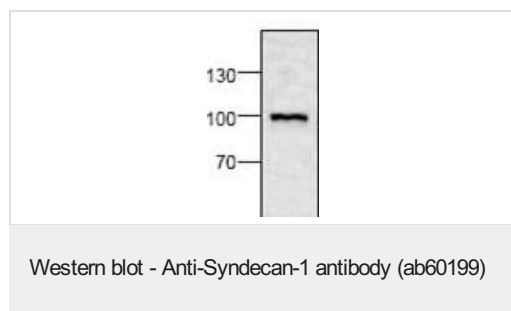
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

Images

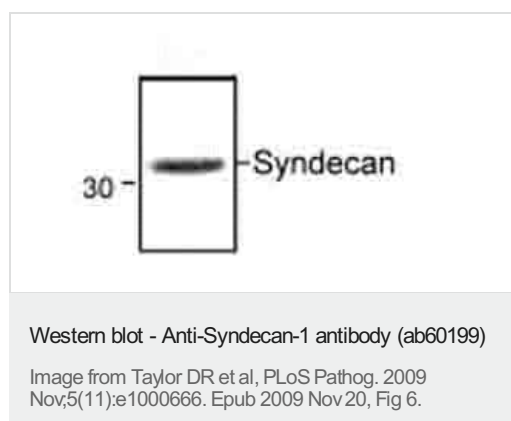


Anti-Syndecan-1 antibody (ab60199) at 4 µg/ml + Mouse tissue lysate

Predicted band size: 34 kDa

Observed band size: 100 kDa

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



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

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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