

Product datasheet

Anti-Syndecan-1 antibody ab60199

6 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, Rat, Hamster, Human
Immunogen	Synthetic peptide (Human) surrounding amino acid 298
Positive control	Mouse tissue lysate

Properties

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

Applications

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

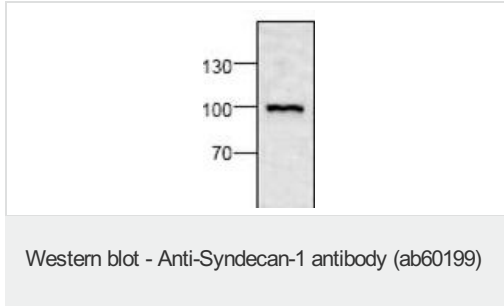
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

Images

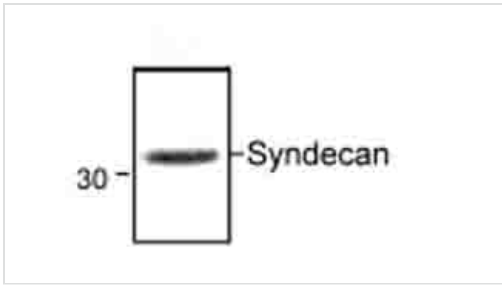


Anti-Syndecan-1 antibody (ab60199) at 4 $\mu\text{g/ml}$ + Mouse tissue lysate

Predicted band size: 34 kDa

Observed band size: 100 kDa

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



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

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.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors