




Product datasheet

Anti-Syndecan 3 antibody - N-terminal ab191308

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Overview

Product name	Anti-Syndecan 3 antibody - N-terminal
Description	Rabbit polyclonal to Syndecan 3 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse, Chicken 
Immunogen	Synthetic peptide corresponding to Mouse Syndecan 3 aa 1-100 (N terminal). Database link: Q64519 <div>  Run BLAST with  Run BLAST with </div>
Positive control	U87, 293T, PC12, NRK and HT1080 cell lysates; Rat brain tissue; Human placenta tissue.
General notes	<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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191308 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 0.1 - 0.5 µg/ml. Predicted molecular weight: 46 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

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.

Tissue specificity

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

Sequence similarities

Belongs to the syndecan proteoglycan family.

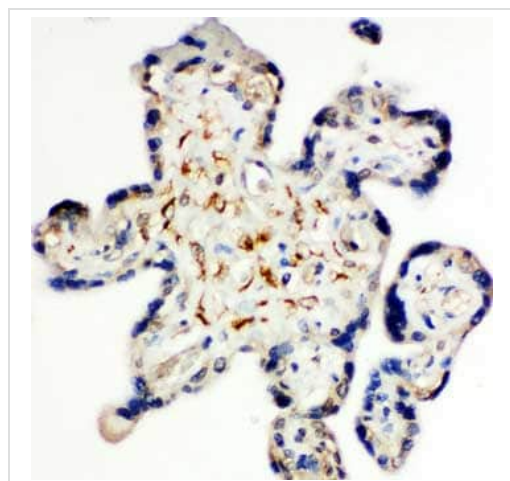
Post-translational modifications

O-glycosylated within the Thr/Ser-rich region which could interact with lectin domains on other molecules.

Cellular localization

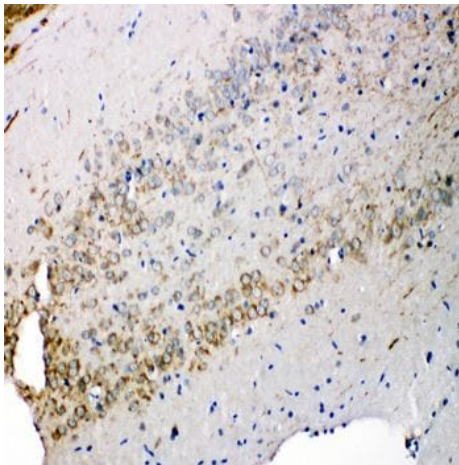
Membrane.

Images



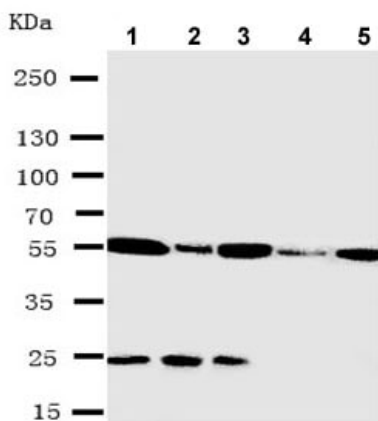
Immunohistochemical analysis of paraffin-embedded Human placenta tissue labeling Syndecan 3 with ab191308 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syndecan 3 antibody - N-terminal (ab191308)



Immunohistochemical analysis of paraffin-embedded Rat brain tissue labeling Syndecan 3 with ab191308 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syndecan 3 antibody - N-terminal (ab191308)



All lanes : Anti-Syndecan 3 antibody - N-terminal (ab191308) at 0.5 µg/ml

Lane 1 : U87 cell lysate

Lane 2 : 293T cell lysate

Lane 3 : PC12 cell lysate

Lane 4 : NRK cell lysate

Lane 5 : HT1080 cell lysate

Predicted band size: 46 kDa

Western blot - Anti-Syndecan 3 antibody - N-terminal (ab191308)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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