




Product datasheet

Anti-Syndecan 3 antibody - N-terminal ab191308

3 Images

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 45-60 (N terminal). Sequence: AQRWRNENFERPVDLE Database link: Q64519  Run BLAST with  Run BLAST with |
| Positive control | U87, 293T, PC12, NRK and HT1080 cell lysates; Rat brain tissue; Human placenta tissue. |
| General notes | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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

Our [Abpromise guarantee](#) covers the use of **ab191308** in the following tested applications.

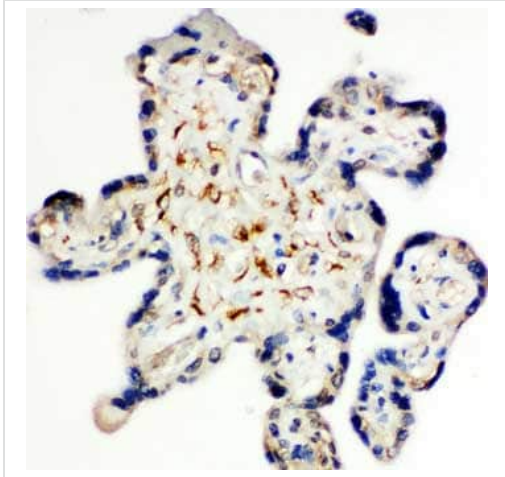
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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

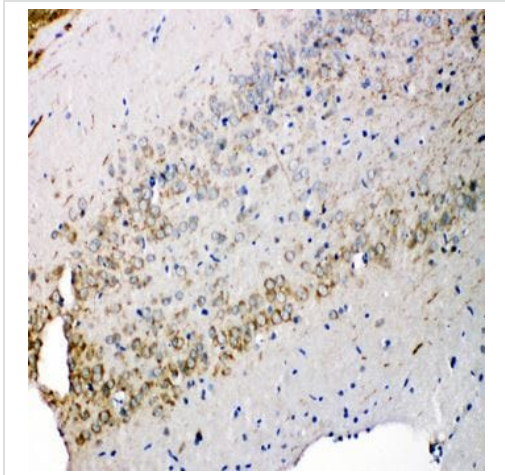
| | |
|---|--|
| Function | Cell surface proteoglycan that may bear heparan sulfate (By similarity). May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism. |
| Tissue specificity | Expressed 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



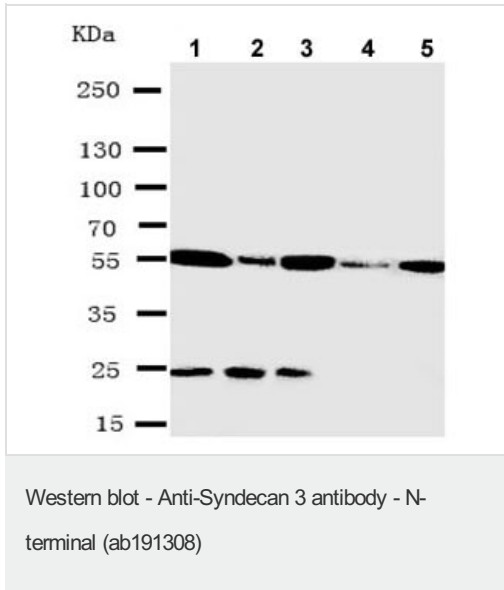
Immunohistochemical analysis of paraffin-embedded Human placenta tissue labeling Syndecan 3 with ab191308 at 1 $\mu\text{g/ml}$.

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 $\mu\text{g/ml}$.

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

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

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