

Product datasheet

Anti-SON/DBP5 antibody ab121759

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Overview

Product name	Anti-SON/DBP5 antibody
Description	Rabbit polyclonal to SON/DBP5
Host species	Rabbit
Tested applications	Suitable for: ICC, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human SON/DBP5 aa 1463-1598.
Positive control	IHC-P: Human small intestine, tonsil, prostate, and cerebellum tissue. ICC: U-251 MG cell lysates
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab121759 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
ICC		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

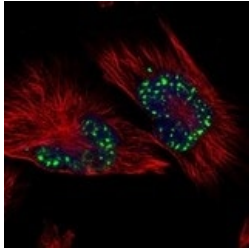
Function	Represses hepatitis B virus (HBV) core promoter activity and transcription of HBV genes and production of HBV virions. Binds to the consensus DNA sequence: 5'-GA[GT]AN[CG][AG]CC-3'. Might protect cells from apoptosis. Might be involved in pre-mRNA splicing.
Tissue specificity	Widely expressed, with the higher expression seen in leukocyte and heart.
Sequence similarities	Contains 1 DRBM (double-stranded RNA-binding) domain. Contains 1 G-patch domain.
Domain	Contains 8 types of repeats which are distributed in 3 regions.
Cellular localization	Nucleus speckle. Colocalizes with the pre-mRNA splicing factor SFRS2/SC-35.

Images



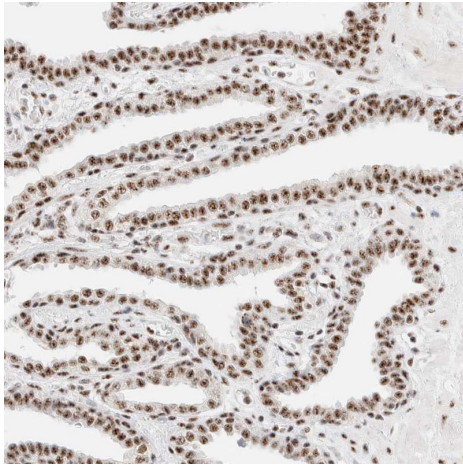
Paraffin-embedded human small intestine tissue staining SON/DBP5 with ab121759 at 1/200 dilution in immunohistochemical analysis. Moderate to strong postivity in nuclear speckles in glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SON/DBP5 antibody (ab121759)



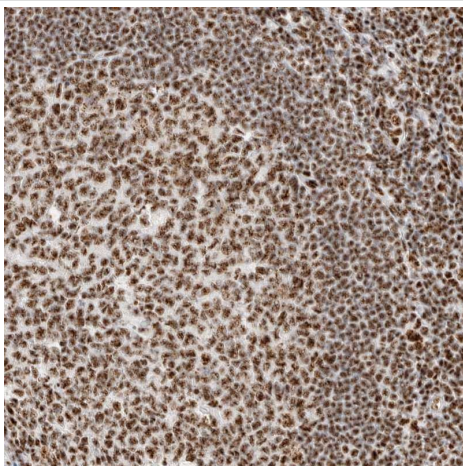
Immunocytochemistry - Anti-SON/DBP5 antibody
(ab121759)

ab121759, at 4 $\mu\text{g/ml}$, staining SON/DBP5 (green) in PFA-fixed, Triton X-100 permeabilized U-251 MG cells, by Immunofluorescence.



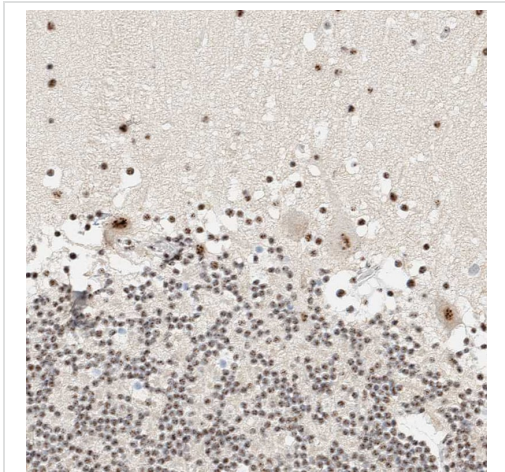
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SON/DBP5 antibody
(ab121759)

Paraffin-embedded human prostate tissue staining SON/DBP5 with ab121759 at 1/200 dilution in immunohistochemical analysis. Moderate to strong positivity in nuclear speckles in glandular cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SON/DBP5 antibody
(ab121759)

Paraffin-embedded human tonsil tissue staining SON/DBP5 with ab121759 at 1/200 dilution in immunohistochemical analysis. Moderate to strong positivity in nuclear speckles in germinal center cells.



Paraffin-embedded human cerebellum tissue staining SON/DBP5 with ab121759 at 1/200 dilution in immunohistochemical analysis. Moderate to strong positivity in nuclear speckles in Purkinje cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SON/DBP5 antibody (ab121759)

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

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