

Anti-SPOCD1 antibody ab122188

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Overview

Product name	Anti-SPOCD1 antibody
Description	Rabbit polyclonal to SPOCD1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	antigen sequence, corresponding to amino acids 995-1085 (SPLLSPGLEV THSSLLAVL LPKEGLPDTA GSSPWLGKVQ KMSFNSKVE KRYQPDDRR PNVPLKGTTP PGGAWQQSQG RGSAPRGIS A) of Human SPOCD1. Run BLAST with Expasy Run BLAST with NCBI
Positive control	IHC-P: Human testis tissue; WB: U-251 MG and Human Plasma lysates; ICC/IF: A431 cells.
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: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122188 in the following tested applications.

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

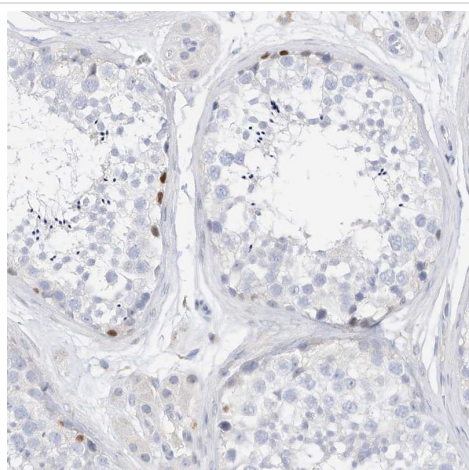
Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

Target

Sequence similarities

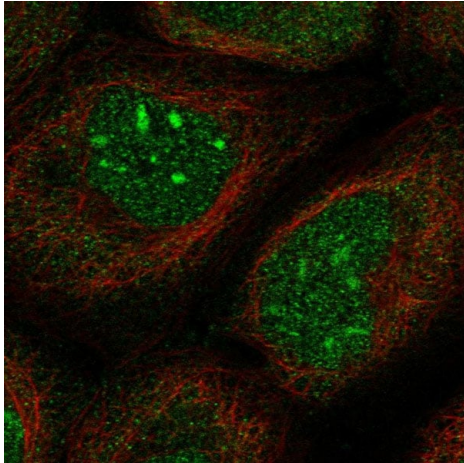
Contains 1 SPOC domain.
Contains 1 TFIIIS central domain.

Images



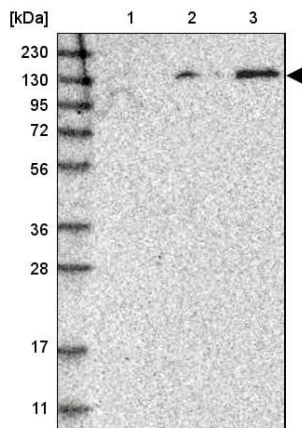
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPOCD1 antibody (ab122188)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labelling SPOCD1 with ab122188 at 1/50 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-SPOCD1 antibody (ab122188)

Immunocytochemistry/immunofluorescence analysis of A431 cells labelling SPOCD1 with ab122188 shows positive staining in the nucleus and nucleoli.



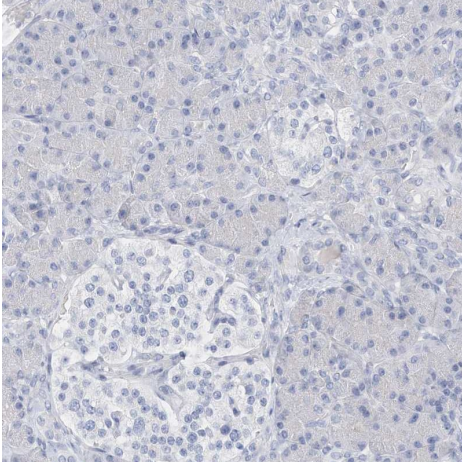
Western blot - Anti-SPOCD1 antibody (ab122188)

All lanes : Anti-SPOCD1 antibody (ab122188) at 0.4 µg/ml

Lane 1 : RT4 (human urinary bladder cancer cell line) whole cell lysate

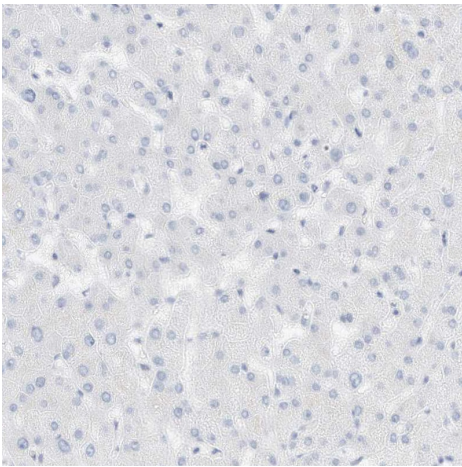
Lane 2 : U-251 MG (formally U-373 MG) (human brain glioma cell line) whole cell lysate

Lane 3 : Human plasma (IgG/HSA depleted) lysate



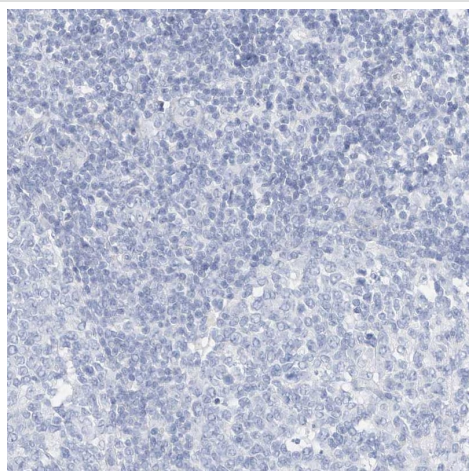
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPOCD1 antibody (ab122188)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pancreas tissue labelling SPOCD1 with ab122188 at 1/50 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPOCD1 antibody (ab122188)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human liver tissue labelling SPOCD1 with ab122188 at 1/50 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPOCD1 antibody (ab122188)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling SPOCD1 with ab122188 at 1/50 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.

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