



Product datasheet

Anti-HSD17B13 antibody ab122036

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Overview

Product name	Anti-HSD17B13 antibody
Description	Rabbit polyclonal to HSD17B13
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human HSD17B13 aa 119-247. Sequence: NNAGTVYPADLLSTKDEEITKTFEVNILGHFWITKALLPSM MERNHGHV TVASVCGHEGIPYLIPYCSSKFAAVGFHRGLTSELQALGKT GIKTSCCLCP V FVNTGFTKNPSTRLWPVLETDEVVRSLI  Run BLAST with  Run BLAST with
Positive control	IHC: Human liver and skin tissue sections; ICC/IF: Human cell line U-251MG.
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
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

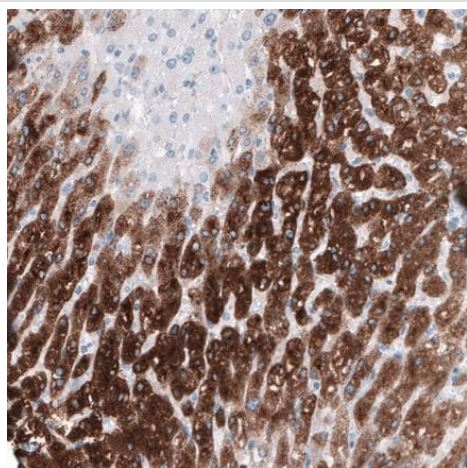
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab122036 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

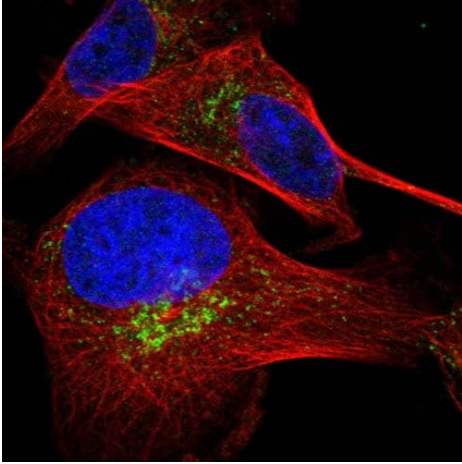
Tissue specificity	Highly expressed in the liver. Also detected in ovary, bone marrow, kidney, brain, lung, skeletal muscle, bladder and testis.
Sequence similarities	Belongs to the short-chain dehydrogenases/reductases (SDR) family.
Cellular localization	Secreted.

Images



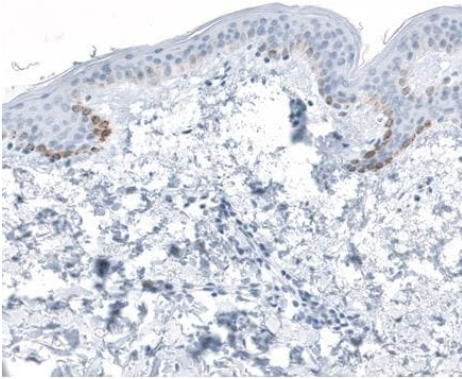
Immunohistochemical analysis of human liver tissue labeling HSD17B13 with ab122036 at 1/200 dilution. Moderate to strong granular cytoplasmic positivity in hepatocytes is shown.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSD17B13 antibody (ab122036)



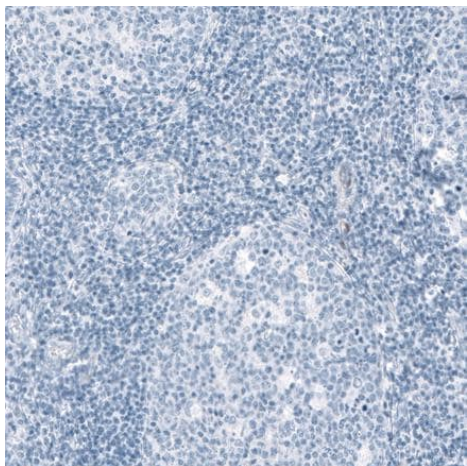
Immunofluorescent staining of Human cell line U-251MG shows positivity in golgi apparatus and vesicles. Recommended concentration of ab122036 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-HSD17B13 antibody (ab122036)



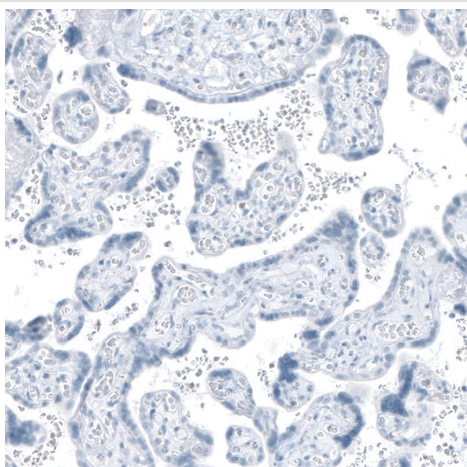
Immunohistochemical analysis of human skin tissue labeling HSD17B13 with ab122036 at 1/200 dilution. Moderate granular cytoplasmic positivity in basal epidermal cells is shown.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSD17B13 antibody (ab122036)



Immunohistochemical analysis of human tonsil tissue labeling HSD17B13 with ab122036 at 1/200 dilution. As expected, no positivity in lymphoid cells is shown.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSD17B13 antibody (ab122036)



Immunohistochemical analysis of human placenta tissue labeling HSD17B13 with ab122036 at 1/500 dilution. As expected, no positivity in trophoblastic cells is shown.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSD17B13 antibody (ab122036)

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