

Product datasheet

Anti-HSD17B3 antibody ab126228

[2 References](#) [2 Images](#)

Overview

Product name	Anti-HSD17B3 antibody
Description	Rabbit polyclonal to HSD17B3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to a region within amino acids 122 and 297 of Human HSD17B3 (UniProt ID: P37058).
Positive control	WB: Raji whole cell lysate IHC-P: Hepatoma
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 or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab126228 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		1/500 - 1/3000. Predicted molecular weight: 35 kDa.
IHC-P		1/100 - 1/500.

Target

Function

Favors the reduction of androstenedione to testosterone. Uses NADPH while the two other EDH17B enzymes use NADH.

Tissue specificity

Testis.

Pathway

Hormone biosynthesis; testosterone biosynthesis.

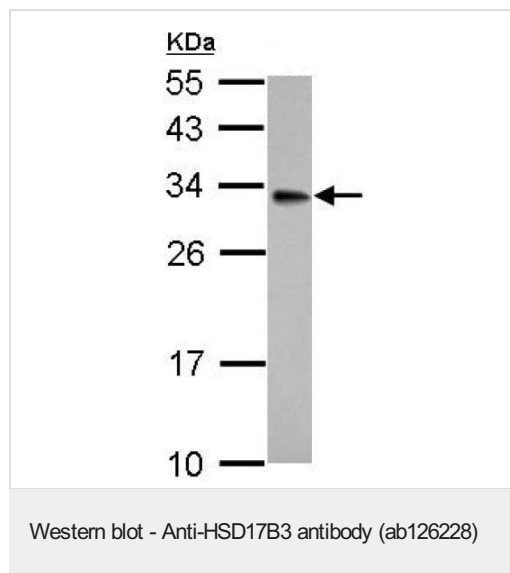
Involvement in disease

Defects in HSD17B3 are the cause of male pseudohermaphroditism with gynecomastia (MPH) [MIM:264300]. These individuals have unambiguous female external genitalia at birth, but fail to menstruate at the time of expected puberty and instead virilize as evidenced by growth of the phallus. Breast development may or may not take place.

Sequence similarities

Belongs to the short-chain dehydrogenases/reductases (SDR) family. 17-beta-HSD 3 subfamily.

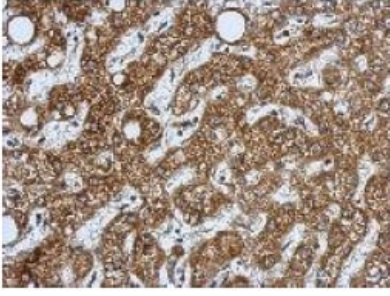
Images



Anti-HSD17B3 antibody (ab126228) at 1/500 dilution + Raji whole cell lysate at 30 µg

Predicted band size: 35 kDa

12% SDS PAGE



ab126228, at a 1/500 dilution, staining HSD17B3 in paraffin embedded Hepatoma by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSD17B3 antibody (ab126228)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors