

Product datasheet for **TA346101**

HSD17B6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HSD17B6 antibody: synthetic peptide directed towards the N terminal of human HSD17B6. Synthetic peptide located within the following region: MWLYLAAFVGLYLLHWYRERQVSHLQDKYVFITGCDSGFGNLLARQLD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 6
Database Link:	NP_003716 Entrez Gene 8630 Human O14756



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Background:

HSD17B6 has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD⁺ as the preferred cofactor. HSD17B6 is a member of the retinol dehydrogenase family. The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD⁺ as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. Transcript variants utilizing alternative polyadenylation signals exist.

Synonyms:

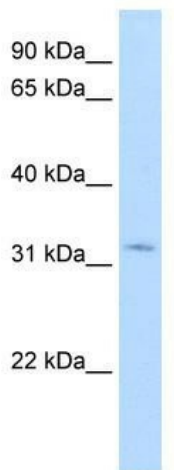
HSE; RODH; SDR9C6

Note:

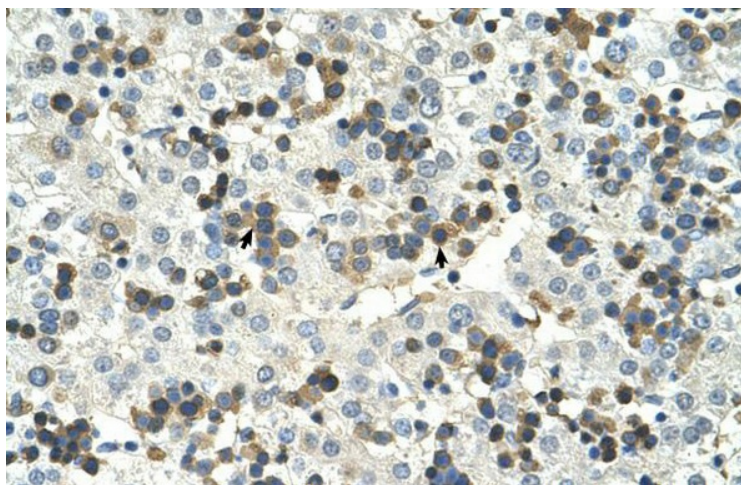
Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Bovine: 93%; Guinea pig: 93%; Horse: 86%; Rabbit: 79%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-HSD17B6 Antibody Titration: 1.25 ug/ml; Positive Control: A172 cell lysate
HSD17B6 is strongly supported by BioGPS gene expression data to be expressed in Human A172 cells



Rabbit Anti-HSD17B6 Antibody; Paraffin Embedded Tissue: Human Liver; Cellular Data: Hemopoietic; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X