Datasheet for ABIN629831

anti-HSD17B6 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	HSD17B6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	HSD17 B6 antibody was raised using the N terminal of HSD17 6 corresponding to a region with amino acids MWLYLAAFVGLYYLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLD
Specificity:	HSD17 B6 antibody was raised against the N terminal of HSD17 6
Purification:	Purified

Target Details

Target:	HSD17B6
Alternative Name:	HSD17B6 (HSD17B6 Products)
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+

Target Details

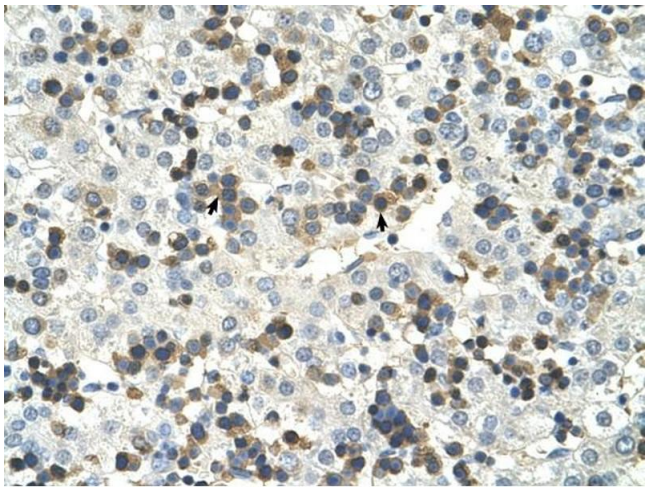
	as the preferred cofactor. HSD17B6 is a member of the retinol dehydrogenase family.
Molecular Weight:	35 kDa (MW of target protein)
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HSD17B6 Blocking Peptide, catalog no. 33R-6617, is also available for use as a blocking control in assays to test for specificity of this HSD17B6 antibody
Restrictions:	For Research Use only

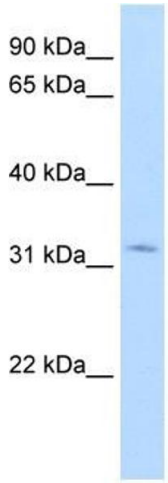
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HSD10 6 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. HSD17B6 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hemopoietic cells (arrows) in Human Liver. Magnification is at 400X



Western Blotting

Image 2. HSD17B6 antibody used at 1.25 ug/ml to detect target protein.

