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## Datasheet for ABIN7115154 **anti-HSD17B6 antibody**

### Overview

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

### Product Details

Immunogen:	hydroxysteroid(17-beta) dehydrogenase 6 homolog(Mouse)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	HSD17B6
Alternative Name:	HSD17B6 ( <a href="#">HSD17B6 Products</a> )
Background:	Synonyms:RODH, SDR9C6 Background:NAD-dependent oxidoreductase with broad substrate specificity that shows both oxidative and reductive activity(in vitro). Has 17-beta-hydroxysteroid dehydrogenase activity towards various steroids(in vitro). Converts 5-alpha-androstan-3-alpha,17-beta-diol to androsterone and estradiol to estrone(in vitro). Has 3-alpha-hydroxysteroid

## Target Details

dehydrogenase activity towards androsterone(in vitro). Has retinol dehydrogenase activity towards all-trans-retinol(in vitro). Can convert androsterone to epi-androsterone. Androsterone is first oxidized to 5-alpha-androstane-3,17-dione and then reduced to epi-andosterone. Can act on both C-19 and C-21 3-alpha-hydroxysteroids.

Molecular Weight: 33-35kd

Gene ID: 8630

UniProt: [O14756](#)

Pathways: [Steroid Hormone Biosynthesis](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months