

Datasheet for ABIN7009767

**anti-HSD3B2 antibody****2** Images[Go to Product page](#)

## Overview

|              |  |
|--------------|--|
| Quantity:    | 60 µL  |
| Target:      | HSD3B2   |
| Reactivity:  | Human, Mouse                                   |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal                                     |
| Conjugate:   | This HSD3B2 antibody is un-conjugated          |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

## Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant fusion protein of human HSD3B2 (NP_000189.1). |
| Isotype:         | IgG   |
| Characteristics: | Polyclonal Antibody                                       |
| Purification:    | Affinity purification                                     |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | HSD3B2  |
| Alternative Name: | HSD3B2 ( <a href="#">HSD3B2 Products</a> )  |
| Background:       | <p>The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids.</p> <p>It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated</p> |

## Target Details

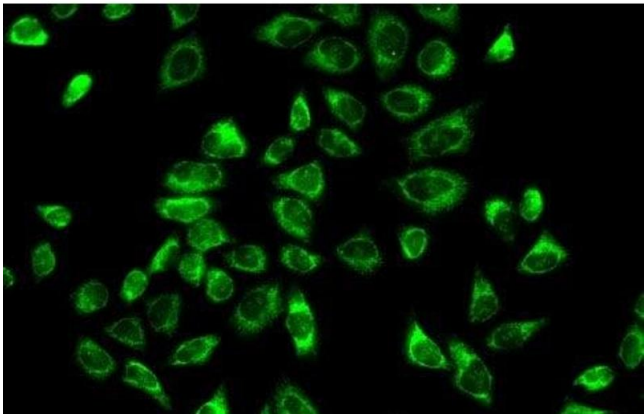
|                   |   |
|-------------------|---|
|                   | with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants have been found for this gene. |
| Molecular Weight: | Observed_MW: 47 kDa<br>Calculated_MW: 24 kDa/42 kDa   |
| Gene ID:          | 3284  |
| UniProt:          | <a href="#">P26439</a>  |
| Pathways:         | <a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a>                             |

## Application Details

|                    |                               |
|--------------------|-------------------------------|
| Application Notes: | WB 1:500-1:2000 IF 1:10-1:100 |
| Restrictions:      | For Research Use only         |

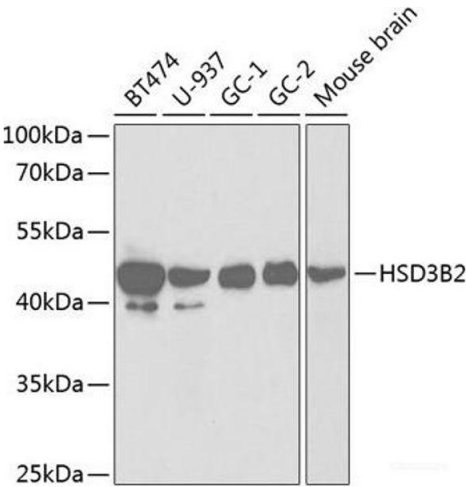
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | PBS with 0.02 % sodium azide, 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:   | Store at -20°C. Avoid freeze / thaw cycles.  |



Immunofluorescence

**Image 1.** Immunofluorescence analysis of A-549 cells using HSD3B2 Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using HSD3B2 Polyclonal Antibody at dilution of 1:1000.