

# HSD3B1 Polyclonal Antibody

catalog number: E-AB-15112

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human HSD3B1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

## Recommended Dilution

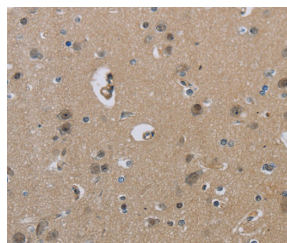
<b>WB</b>	1:200-1:1000
<b>IHC</b>	1:50-1:200

## Data

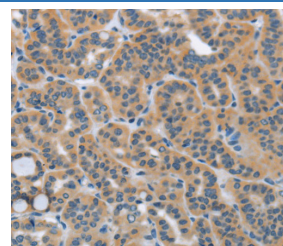


Western Blot analysis of Human adrenal gland tissue using HSD3B1 Polyclonal Antibody at dilution of 1:250

**Calculated-MV:42 kDa**



Immunohistochemistry of paraffin-embedded Human brain using HSD3B1 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human thyroid cancer using HSD3B1 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

3 beta-hydroxysteroid dehydrogenase (3 $\beta$ -HSD), also known as HSD3B1 or HSDB3, is a bifunctional enzyme that plays a crucial role in the synthesis of all classes of hormonal steroids. Two human 3 $\beta$ -HSD proteins, designated type I (3 $\beta$ -HSD) and type II (3 $\beta$ -HSD2), are expressed by different genes and function in different areas of the body.

## For Research Use Only