

## Rabbit anti-Human HSD3B1 Polyclonal Antibody | anti-HSD3B1 antibody

HSD3B1 Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170746</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

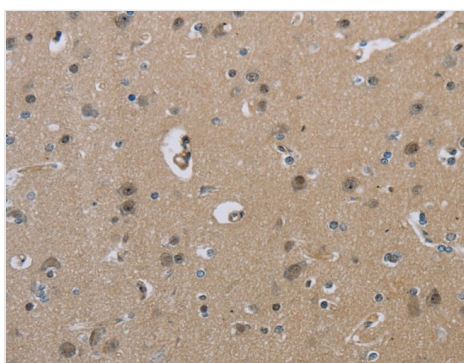
### PRODUCT SYNONYMS

HSD3B1; Polyclonal Antibody; HSD3B1 Polyclonal Antibody; I; HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD; anti-HSD3B1 antibody

### PRODUCT SPECIFICATIONS

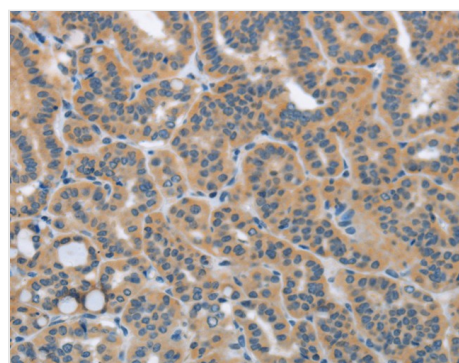
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human                                                                                     |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Affinity purification                                                                     |
| Concentration                                    | 2mg/mL (varies by lot)                                                                    |
| Sequence Length                                  | 373                                                                                       |
| Applicable Applications for anti-HSD3B1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                        | Recombinant protein of human HSD3B1                                                       |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



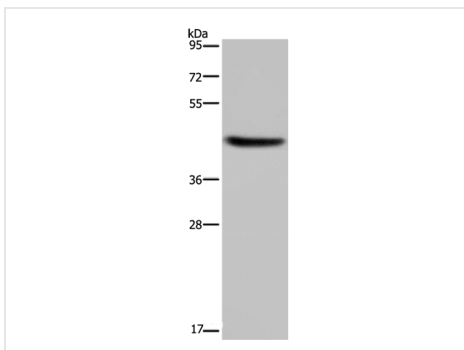
#### IHC (Immunohistochemisry)

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



#### IHC (Immunohiostchemistry)

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



#### WB (Western Blot)

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

## ADDITIONAL INFORMATION

#### Related Product Information for anti-HSD3B1 antibody

3 beta-hydroxysteroid dehydrogenase (3beta-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 3beta-HSD proteins, designated type I (3beta-HSD) and type II (3beta-HSD2), are expressed by different genes and function in different areas of the body.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21619294                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI GeneID                      | 3283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt Accession #              | BC031999; Q14545; Q8IV65; A8K691; P14060                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Molecular Weight                 | 42kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NCBI Official Synonym Full Names | hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NCBI Official Symbol             | HSD3B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | I; HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Protein Information         | 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type I; 3-beta-HSD I; 3-beta-hydroxy-5-ene steroid dehydrogenase; 3-beta-hydroxy-Delta(5)-steroid dehydrogenase; delta-5-3-ketosteroid isomerase; hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1; progesterone reductase; short chain dehydrogenase/reductase family 11E, member 1; steroid Delta-isomerase; trophoblast antigen FDO161G |
| UniProt Protein Name             | 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt Gene Name                | <b>HSD3B1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | 3BH; HSDB3A; 3-beta-HSD I                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt Entry Name               | 3BHS1_HUMAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd3b1-antibody-immunohistochemistry-western-blot-elisa/170746>