

## Rabbit anti-Human HSD17B1 Polyclonal Antibody | anti-HSD17B1 antibody

HSD17B1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA234070 | Rabbit | Human      | Immunohistochemistry, ELISA |

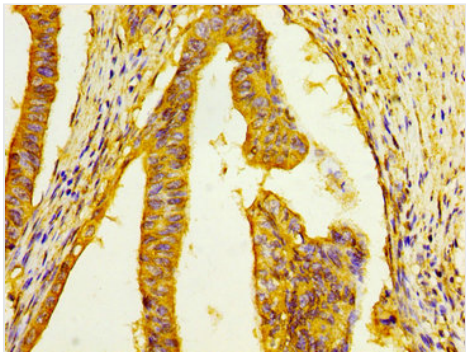
### PRODUCT SYNONYMS

HSD17B1; Polyclonal Antibody; HSD17B1 Antibody; Estradiol 17-beta-dehydrogenase 1; 17-beta-hydroxysteroid dehydrogenase type 1; 17-beta-HSD 1; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; E2DH; Placental 17-beta-hydroxysteroid dehydrogenase; Short chain dehydrogenase/reductase family 28C member 1; E17KSR; EDH17B1; EDH17B2; EDHB17; SDR28C1; anti-HSD17B1 antibody

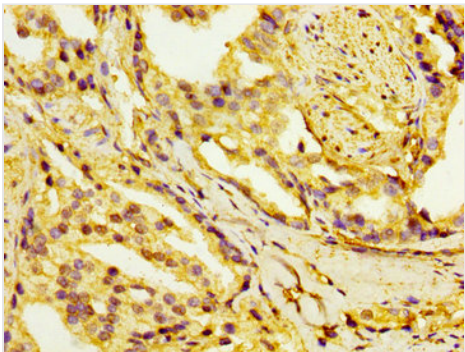
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                           |
| Reactivity                                        | Human                                                                            |
| Clonality                                         | Polyclonal                                                                       |
| Isotype                                           | IgG                                                                              |
| Purity/Purification                               | >95%, Protein G purified                                                         |
| Form/Format                                       | Liquid                                                                           |
| Sequence Length                                   | 328                                                                              |
| Applicable Applications for anti-HSD17B1 antibody | IHC (Immunohistochemistry), ELISA                                                |
| Immunogen                                         | Recombinant Human Estradiol 17-beta-dehydrogenase 1 protein (268-328AA)          |
| Conjugation                                       | Non-conjugated                                                                   |
| Buffer                                            | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                           | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

IMAGES



**IHC (Immunohistochemistry)**  
IHC image of AAA234070 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



**IHC (Immunohistochemistry)**  
IHC image of AAA234070 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                       |                                                                                                            |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSD17B1 antibody | Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH. |
| Product Categories/Family for anti-HSD17B1 antibody   | Neuroscience; Cancer; Metabolism; Signal transduction                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 223718074                                                              |
| NCBI GeneID                      | 3292                                                                   |
| NCBI Accession #                 | NP_000404.2                                                            |
| NCBI GenBank Nucleotide #        | NM_000413.3                                                            |
| UniProt Accession #              | P14061; Q2M2L8; B3KXS1                                                 |
| Molecular Weight                 | 34,950 Da                                                              |
| NCBI Official Full Name          | estradiol 17-beta-dehydrogenase 1 isoform 1                            |
| NCBI Official Synonym Full Names | hydroxysteroid 17-beta dehydrogenase 1                                 |
| NCBI Official Symbol             | HSD17B1                                                                |
| NCBI Official Synonym Symbols    | E2DH; HSD17; EDHB17; EDH17B2; SDR28C1; 17-beta-HSD; 20-alpha-HSD       |
| NCBI Protein Information         | estradiol 17-beta-dehydrogenase 1                                      |
| UniProt Protein Name             | Estradiol 17-beta-dehydrogenase 1                                      |
| UniProt Gene Name                | HSD17B1                                                                |
| UniProt Synonym Gene Names       | E17KSR; EDH17B1; EDH17B2; EDHB17; SDR28C1; 17-beta-HSD 1; 20-alpha-HSD |

**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.