

## Rabbit anti-Human HSD11B2 Polyclonal Antibody | anti-HSD11B2 antibody

HSD11B2 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA308151</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

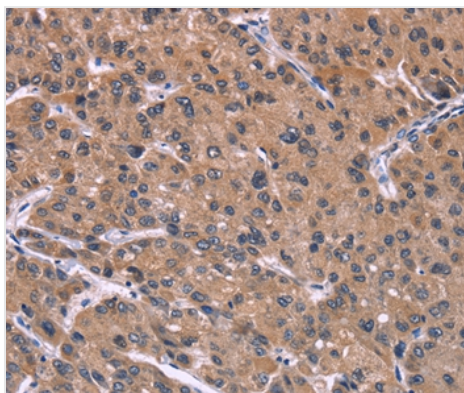
### PRODUCT SYNONYMS

HSD11B2; Polyclonal Antibody; HSD11B2 Antibody; AME; AME1; HSD2; HSD11K; SDR9C3; anti-HSD11B2 antibody

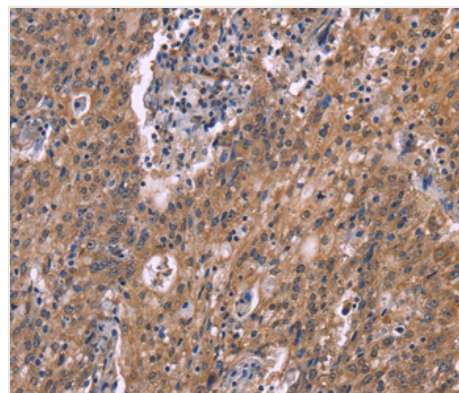
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                       |
| Reactivity                                        | Human                                                                                                                        |
| Clonality                                         | Polyclonal                                                                                                                   |
| Specificity                                       | The antibody detects endogenous levels of total HSD11B2 protein.                                                             |
| Purity/Purification                               | Antigen affinity purification.                                                                                               |
| Form/Format                                       | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                              |
| Concentration                                     | 2.9 mg/ml (varies by lot)                                                                                                    |
| Sequence Length                                   | 405                                                                                                                          |
| Applicable Applications for anti-HSD11B2 antibody | IHC (Immunohistochemistry)                                                                                                   |
| Immunogen Type                                    | Peptide                                                                                                                      |
| Immunogen Description                             | Synthetic peptide corresponding to a region derived from internal residues of human hydroxysteroid (11-beta) dehydrogenase 2 |
| Target Name                                       | HSD11B2                                                                                                                      |
| Preparation and Storage                           | Store at -20 degree C                                                                                                        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/50.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/50.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSD11B2 antibody | There are at least two isozymes of the corticosteroid 11-beta-dehydrogenase, a microsomal enzyme complex responsible for the interconversion of cortisol and cortisone. The type I isozyme has both 11-beta-dehydrogenase (cortisol to cortisone) and 11-oxoreductase (cortisone to cortisol) activities. The type II isozyme, encoded by this gene, has only 11-beta-dehydrogenase activity. In aldosterone-selective epithelial tissues such as the kidney, the type II isozyme catalyzes the glucocorticoid cortisol to the inactive metabolite cortisone, thus preventing illicit activation of the mineralocorticoid receptor. |
| Product Categories/Family for anti-HSD11B2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119392083                                                                                      |
| NCBI GeneID                      | 3291                                                                                           |
| NCBI Accession #                 | NP_000187.3                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000196.3                                                                                    |
| UniProt Accession #              | P80365; Q13194; Q6P2G9; Q8N439; Q96QN8; Q9UC50; Q9UC51; Q9UCW5; Q9UCW6; Q9UCW7; A7LB28; C5HTY7 |
| Molecular Weight                 | 44,127 Da                                                                                      |
| NCBI Official Full Name          | corticosteroid 11-beta-dehydrogenase isozyme 2                                                 |
| NCBI Official Synonym Full Names | hydroxysteroid (11-beta) dehydrogenase 2                                                       |
| NCBI Official Symbol             | HSD11B2                                                                                        |
| NCBI Official Synonym Symbols    | AME; AME1; HSD2; HSD11K; SDR9C3                                                                |
| NCBI Protein Information         | corticosteroid 11-beta-dehydrogenase isozyme 2                                                 |
| UniProt Protein Name             | Corticosteroid 11-beta-dehydrogenase isozyme 2                                                 |
| UniProt Gene Name                | HSD11B2                                                                                        |
| UniProt Synonym Gene Names       | ; 11-DH2; 11-beta-HSD2; 11-HSD type II; 11-beta-HSD type II; 11-beta-HSD                       |
| UniProt Entry Name               | DHI2_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/hsd11b2-antibody-immunohistochemistry-elisa/308151>