

17 β -HSD11 Polyclonal Antibody
Catalog # AP68196**Specification**

17 β -HSD11 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8NBO5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

17 β -HSD11 Polyclonal Antibody - Additional Information**Gene ID** 51170**Other Names**

HSD17B11; DHRS8; PAN1B; PSEC0029; Estradiol 17-beta-dehydrogenase 11;
17-beta-hydroxysteroid dehydrogenase 11; 17-beta-HSD 11; 17bHSD11; 17betaHSD11;
17-beta-hydroxysteroid dehydrogenase XI; 17-beta-HSD XI; 17betaHSDXI; Cutaneous T-cell lym

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

17 β -HSD11 Polyclonal Antibody - Protein Information**Name** HSD17B11**Synonyms** DHRS8, PAN1B, SDR16C2**Function**

Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A- dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione. Tumor-associated antigen in cutaneous T-cell lymphoma.

Cellular Location

Endoplasmic reticulum {ECO:0000250|UniProtKB:Q9EQ06}. Lipid droplet {ECO:0000250|UniProtKB:Q9EQ06}. Note=Redistributed from the endoplasmic reticulum to lipids droplets in the cell upon induction of lipids droplet formation. {ECO:0000250|UniProtKB:Q9EQ06}

Tissue Location

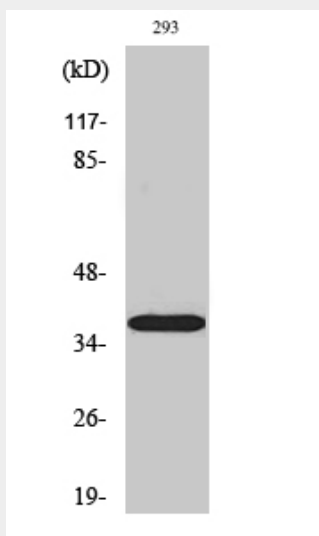
Present at high level in steroidogenic cells such as syncytiotrophoblasts, sebaceous gland, Leydig cells, and granulosa cells of the dominant follicle and corpus luteum. In lung, it is detected in the ciliated epithelium and in acini of adult trachea, in bronchioles, but not in alveoli. In the eye, it is detected in the nonpigmented epithelium of the ciliary body and, at lower level, in the inner nuclear layer of the retina (at protein level). Widely expressed Highly expressed in retina, pancreas, kidney, liver, lung, adrenal, small intestine, ovary and heart.

17 β -HSD11 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

17 β -HSD11 Polyclonal Antibody - Images



17 β -HSD11 Polyclonal Antibody - Background

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