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Hsd17b11 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11803

Specification

Hsd17b11 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9EQ06
Other Accession	NM_053262, NP_444492
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog**
Predicted	**Mouse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**33kDa KDa**

Hsd17b11 antibody - middle region - Additional Information

Gene ID 114664

Alias Symbol	**Dhrs8, Pan1b, SDR2, retSDR2**

Other Names
Estradiol 17-beta-dehydrogenase 11, 1.1.1.62, 17-beta-hydroxysteroid dehydrogenase 11, 17-beta-HSD 11, 17bHSD11, 17betaHSD11, 17-beta-hydroxysteroid dehydrogenase XI, 17-beta-HSD XI, 17betaHSDXI, Dehydrogenase/reductase SDR family member 8, Hsd17b11, Dhrs8, Pan1b

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Hsd17b11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Hsd17b11 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Hsd17b11 antibody - middle region - Protein Information

Name Hsd17b11

Synonyms Dhrs8, Pan1b

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.

Cellular Location
Endoplasmic reticulum. Lipid droplet. Note=Redistributed from the endoplasmic reticulum to lipids droplets in the cell upon induction of lipids droplet formation.

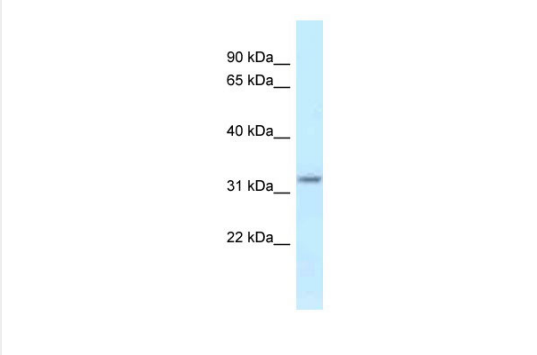
Tissue Location
Expressed in the liver (at protein level) (PubMed:18359291). Also expressed in the intestine and, at much lower levels, in the kidney (PubMed:18359291).

Hsd17b11 antibody - middle region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Hsd17b11 antibody - middle region - Images



WB Suggested Anti-Hsd17b11 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney