

Hsd17b11 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11803

Product Information

Application	WB
Primary Accession	Q9EQ06
Other Accession	NM_053262 , NP_444492
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Mouse, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32881

Additional Information

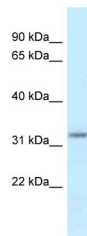
Gene ID	114664
Alias Symbol Other Names	Dhrs8, Pan1b, SDR2, retSDR2 Estradiol 17-beta-dehydrogenase 11, 1.1.1.62, 17-beta-hydroxysteroid dehydrogenase 11, 17-beta-HSD 11, 17bHSD11, 17betaHSD11, 17-beta-hydroxysteroid dehydrogenase XI, 17-beta-HSD XI, 17betaHSDXI, Dehydrogenase/reductase SDR family member 8, Hsd17b11, Dhhrs8, 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.

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.