

## Product datasheet for **TA341998**

### **HSD17B12 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Hsd17b12 antibody is: synthetic peptide directed towards the C-terminal region of Mouse Hsd17b12. Synthetic peptide located within the following region: SAETFVKSAIKTVGLQTRTTGYVIHSLMGSINSIMPRWMMYFKIIMGFSKS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 12
Database Link:	<a href="#">NP_057226</a> <a href="#">Entrez Gene 56348 Mouse</a> <a href="#">Q53GQ0</a>
Background:	CatalyzesThe transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest that it may constituteThe major enzyme responsible forThe conversion of E1 to E2 in females. Also has 3-ketoacyl-CoA reductase activity, reducing both long chain 3-ketoacyl-CoAs and long chain fatty acyl-CoAs, suggesting a role in long fatty acid elongation.
Synonyms:	KAR; SDR12C1



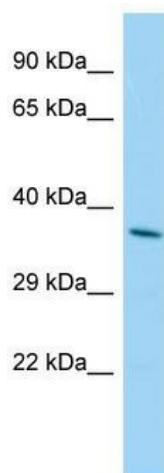
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**Note:** Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 86%; Pig: 79%; Bovine: 79%

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Androgen and estrogen metabolism, Biosynthesis of unsaturated fatty acids, Metabolic pathways

**Product images:**



Host: Rabbit; Target Name: Hsd17b12; Sample Tissue: Mouse Testis lysates; Antibody Dilution: 1.0 ug/ml