



Rabbit Anti-HSD17B1 antibody

SL6603R

Product Name:	HSD17B1
Chinese Name:	羟类固醇脱氢酶17β抗体
Alias:	17 beta HSD 1; 17 beta hydroxysteroid dehydrogenase type 1; 17-beta-HSD 1; 17-beta-hydroxysteroid dehydrogenase type 1; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; DHB1_HUMAN; E2DH; EDH17B2; EDHB17; Estradiol 17 beta dehydrogenase 1; Estradiol 17-beta-dehydrogenase 1; HSD17; HSD17B1; Hydroxysteroid (17 beta) dehydrogenase 1; Placental 17 beta hydroxysteroid dehydrogenase; Placental 17-beta-hydroxysteroid dehydrogenase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSD17B1:21-120/328
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH. Sequence similarities; Belongs to the short-chain dehydrogenases/reductases (SDR)

family.

Function:

Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH.

Subunit:

Homodimer.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the short-chain dehydrogenases/reductases

SWISS:

P14061

Gene ID:

3292

Database links:

[Entrez Gene: 3292](#)Human

[Omim: 109684](#)Human

[SwissProt: P14061](#)Human

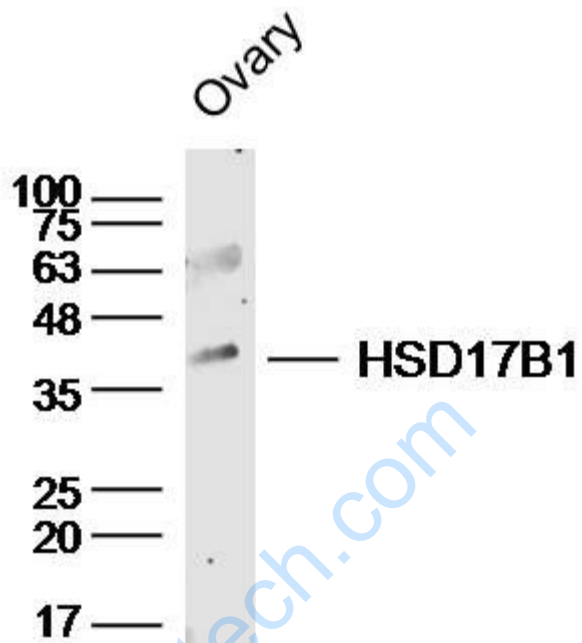
[Unigene: 654385](#)Human

[Unigene: 655222](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



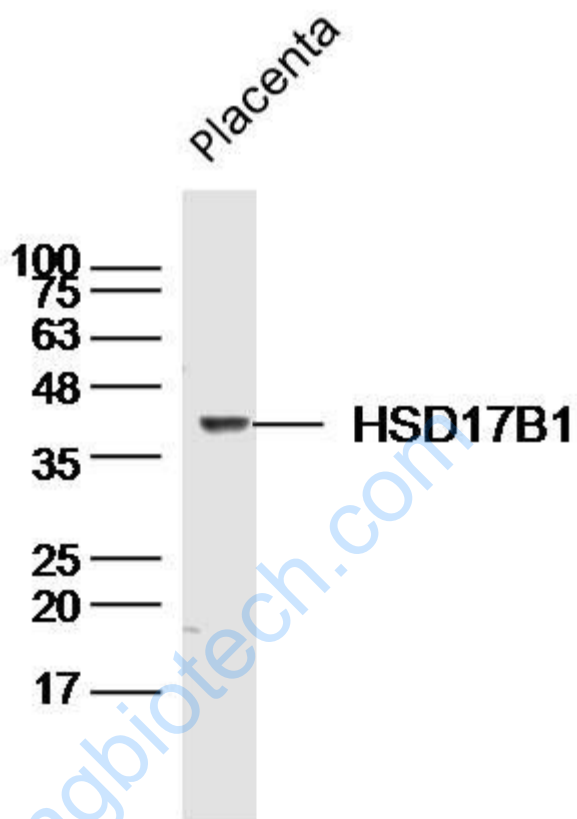
Sample: Ovary (Mouse) Lysate at 40 ug

Primary: Anti-HSD17B1 (SL6603R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

Observed band size: 36 kD



Sample: Placenta (Mouse) Lysate at 40 ug

Primary: Anti-HSD17B1 (SL6603R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

Observed band size: 38 kD