



Rabbit Anti-HSD17B3 antibody

SL23342R

Product Name:	HSD17B3
Chinese Name:	羟类固醇脱氢酶17β3抗体
Alias:	17 beta HSD 3; 17-beta-hydroxysteroid dehydrogenase type 3; EDH17B3; Estradiol 17 beta dehydrogenase; Estradiol 17 beta dehydrogenase 3; Hydroxysteroid (17 beta) dehydrogenase 3; Testicular 17 beta hydroxysteroid dehydrogenase; Testosterone 17 beta dehydrogenase 3; DHB3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Sheep,
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSD17B3:21-120/310
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:	HSD17B3 is involved in the reduction of androstenedione to testosterone. It is expressed predominantly in the testis. Deficiency in HSD17B3 are the cause of male pseudohermaphrodisism with gynecomastia (MPH). Function:

Favors the reduction of androstenedione to testosterone. Uses NADPH while the two other EDH17B enzymes use NADH.

Subcellular Location:

Testis.

DISEASE:

Defects in HSD17B3 are the cause of male pseudohermaphroditism with gynecomastia (MPH) [MIM:264300]. These individuals have unambiguous female external genitalia at birth, but fail to menstruate at the time of expected puberty and instead virilize as evidenced by growth of the phallus. Breast development may or may not take place.

Similarity:

Belongs to the short-chain dehydrogenases/reductases (SDR) family. 17-beta-HSD 3 subfamily.

SWISS:

P37058

Gene ID:

3293

Database links:

[Entrez Gene: 3293](#)Human

[Omir: 605573](#)Human

[SwissProt: P37058](#)Human

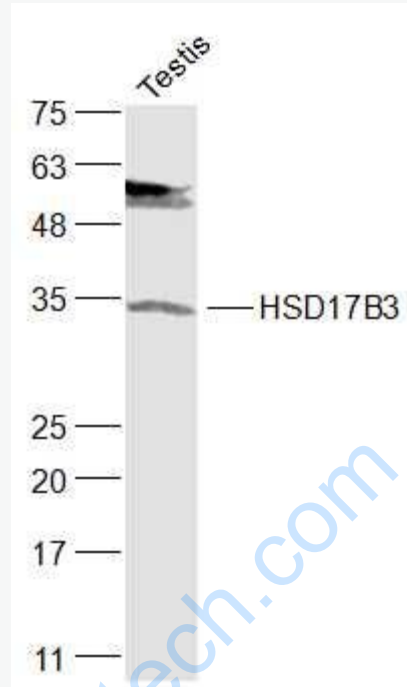
[Unigene: 477](#)Human

Important Note:

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

IHC多次检测不合格, 取消应用。张向2018.9.12

Picture:



Sample:

Testis(Rat) Lysate at 40 ug

Primary: Anti-HSD17B3 (SL23342R) at 1/1000 dilution

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

Predicted band size: 34 kD

Observed band size: 34 kD