



Rabbit Anti-HSD3B1+ HSD3B2 antibody

SL16551R

Product Name:	HSD3B1+ HSD3B2
Chinese Name:	滋养层细胞抗原3 β -HSD抗体
Alias:	3 beta and steroid delta isomerase 1; 3 beta and steroid hydroxy delta 5 steroid dehydrogenase; 3 beta HSD I; 3BH; 3BHSD; HGNC:5217; HSD3B; HSD3B1; HSDB3; HSDB3A; Hydroxy delta 5 steroid dehydrogenase 3 beta and steroid delta isomerase 1; Hydroxy delta 5 steroid dehydrogenase; trophoblast antigen; 3BHS1_HUMAN; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type I; Short=3-beta-HSD I; Trophoblast antigen FDO161G; 3-beta-hydroxy-Delta(5)-steroid dehydrogenase; 3-beta-hydroxy-5-ene steroid dehydrogenase; Progesterone reductase; Steroid Delta-isomerase; Delta-5-3-ketosteroid isomerase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/1ml
immunogen:	KLH conjugated synthetic peptide derived from human HSD3B1+ HSD3B2:101-200/372
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:	<p>The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2009]</p> <p>Subcellular Location: Endoplasmic reticulum membrane; Single-pass membrane protein. Mitochondrion membrane; Single-pass membrane protein.</p> <p>Tissue Specificity: Placenta and skin. Predominantly expressed in mammary gland tissue.</p> <p>Similarity: Belongs to the 3-beta-HSD family.</p> <p>SWISS: P14060</p> <p>Gene ID: 3283</p> <p>Database links: Entrez Gene: 3283Human Entrez Gene: 3284Human Entrez Gene: 15492Mouse Entrez Gene: 15494Mouse Entrez Gene: 29632Rat Entrez Gene: 360348Rat Entrez Gene: 682974Rat Omim: 109715Human SwissProt: P14060Human SwissProt: P26439Human SwissProt: O35469Mouse SwissProt: P24815Mouse</p>

[SwissProt: P26149](#)Mouse

[SwissProt: P26150](#)Mouse

[SwissProt: P22071](#)Rat

[SwissProt: P22072](#)Rat

[SwissProt: Q5FVK0](#)Rat

[SwissProt: Q62878](#)Rat

[Unigene: 364941](#)Human

[Unigene: 654399](#)Human

[Unigene: 140811](#)Mouse

[Unigene: 14435](#)Mouse

[Unigene: 158717](#)Mouse

[Unigene: 482364](#)Mouse

[Unigene: 109394](#)Rat

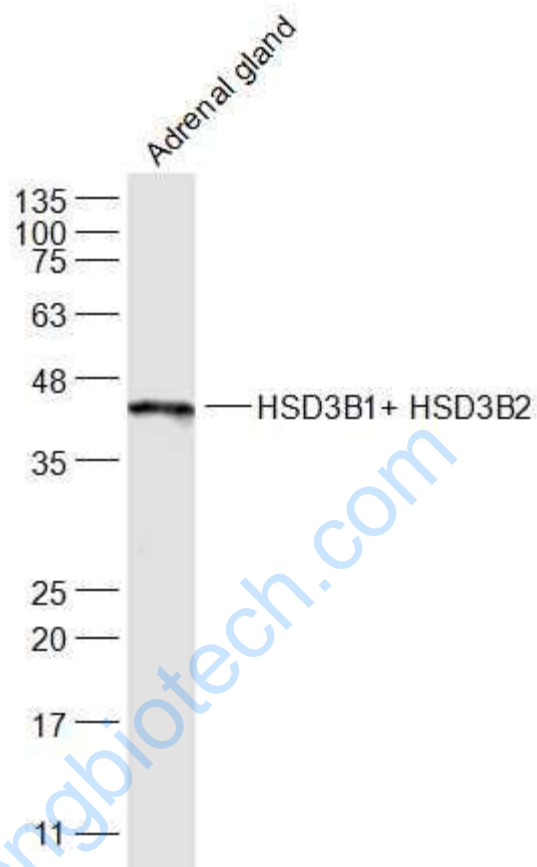
[Unigene: 128814](#)Rat

Important Note:

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

HSD3B1属于滋养层细胞标记物(也包括hPL、hCG、Mel-CAN、p63、HLA—G、CK18和inhibin- α) 在很多Tumour及正常内分泌组织中表达也很高

Picture:



Sample:

Adrenal gland (Mouse) Lysate at 40 ug

Primary: Anti-HSD3B1+ HSD3B2 (SL16551R) at 1/1000 dilution

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

Predicted band size: 41 kD

Observed band size: 41 kD