

## Rabbit Anti-hCG beta antibody

SL0953R

<b>Product Name</b>	hCG beta
<b>Chinese Name</b>	人 $\beta$ 亚基人绒毛膜促性腺激素( $\beta$ HCG)抗体
<b>Alias</b>	HCG beta; Beta-HCG; Anterior pituitary glycoprotein hormones common subunit alpha; beta-HCG; CG ALPHA; CG beta a; CG beta; CGA; CGB; CGB1; CGB2; CGB3; CGB5; CGB7; CGB8; Choriogonadotropin alpha chain; Choriogonadotropin subunit beta; Chorionic gonadotrophin alpha subunit; Chorionic gonadotrophin chain beta; Chorionic gonadotropin alpha polypeptide; Chorionic gonadotropin beta 5 subunit; Chorionic gonadotropin beta 7 subunit; Chorionic gonadotropin beta 8 subunit; Chorionic gonadotropin beta chain; Chorionic gonadotropin beta polypeptide 1; Chorionic gonadotropin beta polypeptide 2; Chorionic gonadotropin beta polypeptide 5; Chorionic gonadotropin beta polypeptide 7; Chorionic gonadotropin beta polypeptide; Chorionic gonadotropin beta subunit; CGHB_HUMAN
<b>Research Area</b>	Tumour immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted: Human, )
<b>Applications</b>	ELISA=1:5000-10000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	16kDa
<b>Cellular localization</b>	Secretory protein
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Beta-HCG: 81-165/165
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A



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<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a> This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq].  <b>Function:</b> Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.  <b>Subunit:</b> Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.
<b>Product Detail</b>	<b>Subcellular Location:</b> Secreted.  <b>Tissue Specificity:</b> Placenta.  <b>Similarity:</b> Belongs to the glycoprotein hormones subunit beta family.  <b>SWISS:</b> P01233  <b>Gene ID:</b> 1082  <b>Database links:</b> <a href="#">Entrez Gene: 1082</a> Human

[Entrez Gene: 93659](#) Human

[Entrez Gene: 94027](#) Human

[Entrez Gene: 94115](#) Human

[Omim: 118860](#) Human

[SwissProt: P01233](#) Human

[SwissProt: Q6NT52](#) Human

[Unigene: 172944](#) Human

[Unigene: 446683](#) Human

[Unigene: 590955](#) Human

[Unigene: 659014](#) Human

[Unigene: 681647](#) Human

[Unigene: 743279](#) Human

[Unigene: 745468](#) Human

HCG 是由胎盘合体滋养层细胞产生的一种 glycoprotein 激素，HCG- $\beta$  主要用于胎盘滋养细胞和生殖细胞 Tumour 如葡萄胎、绒癌的诊断和辅助诊断。