



Anti-CGB (native) polyclonal antibody (CPBT-65811SH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

This product is specific for the beta subunit of human chorionic gonadotrophin (hCG) and recognizes both the free subunit and the whole molecule. Negligible reactivity has been observed with hLH, hTSH and hFSH. Human chorionic gonadotrophin is a peptide hormone produced by placental syncytiotrophoblasts. It acts to maintain the corpus luteum until the developing placenta is able to produce the required levels of oestrogen and progesterone. hCG shares a common alpha chain with the pituitary hormones FSH, TSH and LH, but has a unique beta chain which is recognised by this antibody.

Specificity	CGB
Immunogen	Native, from urine
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; RIA
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CGB chorionic gonadotropin, beta polypeptide [Homo sapiens (human)]
Official Symbol	CGB
Synonyms	CGB; chorionic gonadotropin, beta polypeptide; CGB3; CGB5; CGB7; CGB8; hCGB; choriogonadotropin subunit beta; CG-beta; chorionic gonadotropin beta chain; chorionic gonadotrophin chain beta; chorionic gonadotropin beta subunit; chorionic gonadotropin beta
Entrez Gene ID	1082
Protein Refseq	NP_000728
UniProt ID	P01233
Chromosome Location	19q13.32
Pathway	Glycoprotein hormones; Metabolism of proteins; Peptide hormone biosynthesis; Peptide hormone metabolism;
Function	hormone activity;