

hCG α (ABT74R) rabbit mAb

Catalog No :	YM7135
Reactivity :	Human;
Applications :	IHC;WB; ELISA
Target :	hCG
Fields :	>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>GnRH signaling pathway;>>Ovarian steroidogenesis;>>Prolactin signaling pathway;>>Thyroid hormone synthesis;>>Regulation of lipolysis in adipocytes;>>GnRH secretion;>>Autoimmune thyroid disease
Gene Name :	CGA
Protein Name :	Glycoprotein hormones alpha chain (Anterior pituitary glycoprotein hormones common subunit alpha) (Choriogonadotropin alpha chain) (Chorionic gonadotrophin subunit alpha) (CG-alpha) (Follicle-stimulat
Human Gene Id :	1081
Human Swiss Prot No :	P01215
Immunogen :	Synthesized peptide derived from human hCG AA range:25-100
Specificity :	This antibody detects endogenous levels of hCG
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	13kD

Cell Pathway :	<u>Neuroactive ligand-receptor interaction;GnRH;Autoimmune thyroid disease;</u>
Background :	<p>The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011],</p>
Function :	<p>online information:Proteic grace - Issue 77 of December 2006,similarity:Belongs to the glycoprotein hormones subunit alpha family.,subunit:Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.,</p>
Subcellular Location :	<u>Secreted .</u>
Expression :	<u>Pituitary,Placenta,</u>

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