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## **hCG alpha Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251608

**Unit:** 0.1 mg

**Description:**

Human chorionic gonadotrophin (hCG) is a luteotrophic glycoprotein hormone secreted first by the trophoblastic cells of the fertilized ovum and later by placental tissue. The primary function of hCG is its luteotropic effect. Heterodimer of a common alpha chain and a unique beta chain confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin. hCG consists of non-covalently linked, alpha and beta subunits, 12 kDa and 24 kDa respectively, together constituting holo-hCG (MW 38 kDa). This antibody is specific for alpha-hCG.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** hCG alpha; HCG; Human chorionic gonadotrophin; Human chorionic gonadotropin; Glycoprotein hormones alpha chain; Anterior pituitary glycoprotein hormones common subunit alpha; Follitropin alpha chain; Follicle-stimulating hormone alpha chain; FSH-alpha; Lutropin alpha chain; Luteinizing hormone alpha chain; LSH-alpha; Thyrotropin alpha chain; Thyroid-stimulating hormone alpha chain; TSH-alpha; Choriogonadotropin alpha chain; Chorionic gonadotrophin subunit alpha; CG-alpha; CGA

**Accession No.:** P01215

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human chorionic gonadotropin.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.