

Datasheet for ABIN7307656

**anti-CGA antibody**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	CGA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Purpose:	Rabbit polyclonal antibody to CG alpha
Immunogen:	Recombinant full length protein of human CG alpha
Specificity:	Recognizes endogenous levels of CG alpha protein.
Characteristics:	Rabbit polyclonal antibody to CG alpha
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	CGA
Alternative Name:	CG alpha ( <a href="#">CGA Products</a> )
Background:	Glycoprotein hormones alpha chain, Anterior pituitary glycoprotein hormones common subunit alpha, Choriogonadotropin alpha chain, Chorionic gonadotrophin subunit alpha, CG-alpha,

## Target Details

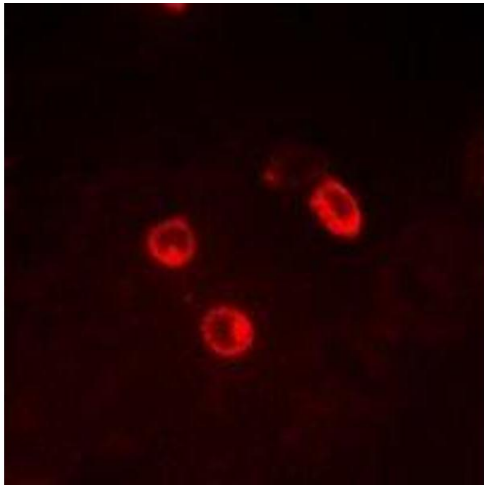
	Follicle-stimulating hormone alpha chain, FSH-alpha, Folitropin alpha chain, Luteinizing hormone alpha chain, LSH-alpha, Lutropin alpha chain, Thyroid-stimulating hormone alpha chain, TSH-alpha, Thyrotropin alpha chain
Gene ID:	1081
UniProt:	<a href="#">P01215</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Hormone Transport</a> , <a href="#">Peptide Hormone Metabolism</a>

## Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

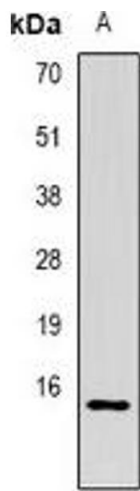
## Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunofluorescence

**Image 1.** Immunofluorescent analysis of CG alpha staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibo



Western Blotting

**Image 2.** Western blot analysis of CG alpha expression in MCF7 (A) whole cell lysates.