

## Datasheet for ABIN7631639 **anti-CGA antibody (Biotin)**



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### Overview

Quantity:	1 mL
Target:	CGA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CGA antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

### Product Details

Purpose:	Biotin-Linked Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)
Immunogen:	PAB612Hu01 Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CGa. It has been selected for its ability to recognize CGa in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

Target:	CGA
Alternative Name:	Chorionic Gonadotropin Alpha Polypeptide ( <a href="#">CGA Products</a> )
Background:	FSHA, GPHA1, GPHA, HCG, LHA, TSHA, Thyroid Stimulating Hormone Alpha, Follicle-Stimulating

## Target Details

Hormone Alpha Subunit, Luteinizing hormone alpha chain, Lutropin alpha chain

UniProt: [P01215](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Thyroid Hormone Synthesis](#), [Hormone Transport](#), [Peptide Hormone Metabolism](#)

## Application Details

Application Notes: Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.