

Datasheet for ABIN7433846  
**anti-CGA antibody (AA 25-116)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CGA
Binding Specificity:	AA 25-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGA)
Immunogen:	Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa) corresponding to Ala25~Ser116 with N-terminal His and GST Tag
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.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

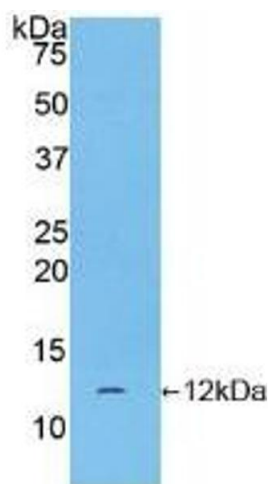
Target:	CGA
Alternative Name:	Chorionic Gonadotropin Alpha Polypeptide ( <a href="#">CGA Products</a> )
Background:	FSHA, GPHA1, GPHA, HCG, LHA, TSHA, Thyroid Stimulating Hormone Alpha, Follicle-Stimulating Hormone Alpha Subunit, Luteinizing hormone alpha chain, Lutropin alpha chain
Pathways:	<a href="#">Metabolism 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:	Western blotting: 0.5-2 µg/mL 1:350-1400 Immunohistochemistry: 5-20 µg/mL 1:35-140 Immunocytochemistry: 5-20 µg/mL 1:35-140 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
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.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of Recombinant CGa, Human using Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)