

## CGB Antibody

Catalog No: #36346

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

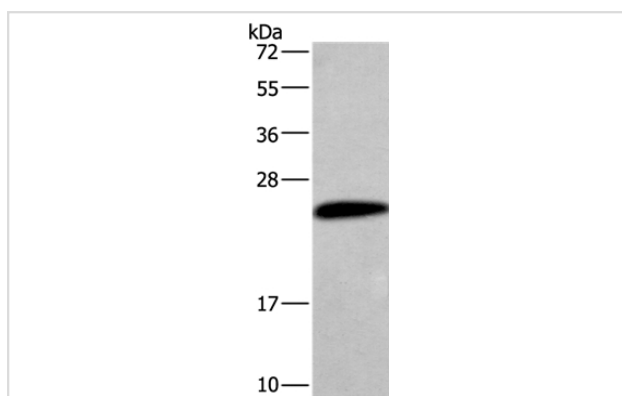
Product Name	CGB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CGB protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human chorionic gonadotropin, beta polypeptide
Target Name	CGB
Other Names	CGB3; CGB5; CGB7; CGB8; hCGB
Accession No.	Swiss-Prot#: P01233NCBI Gene ID: 1082Gene Accssion: BC022796
SDS-PAGE MW	18kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.
Storage	Store at -20°C

## Application Details

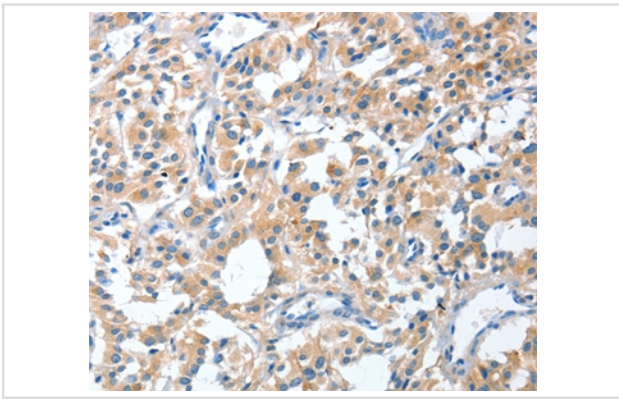
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 10%SDS-PAGE  
 Lysates (from left to right): Human placenta tissue  
 Amount of lysate: 40ug per lane  
 Primary antibody: 1/454 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 5 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36346 at dilution 1/40.

## Background

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.?

Note: This product is for in vitro research use only and is not intended for use in humans or animals.