

**Anti-Cortisol Binding Globulin Antibody**  
Catalog # ABO11540**Specification**

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**Anti-Cortisol Binding Globulin Antibody - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P08185</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Corticosteroid-binding globulin(SERPINA6) detection. Tested with WB, IHC-P, ICC in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-Cortisol Binding Globulin Antibody - Additional Information**

**Gene ID** 866

**Other Names**

Corticosteroid-binding globulin, CBG, Serpin A6, Transcortin, SERPINA6, CBG

**Calculated MW**

45141 MW KDa

**Application Details**

Immunocytochemistry , 0.5-1 µg/ml, Human, -<br>Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat<br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Secreted.

**Tissue Specificity**

Plasma; synthesized in liver. Has also been identified in a number of glycocorticoid responsive cells.

**Protein Name**

Corticosteroid-binding globulin

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human Cortisol Binding Globulin(102-120aa ETEIHQGFQHLHQLFAKSD).

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Sequence Similarities**

Belongs to the serpin family.

**Anti-Cortisol Binding Globulin Antibody - Protein Information**

**Name** SERPINA6

**Synonyms** CBG

**Function**

Major transport protein for glucocorticoids and progestins in the blood of almost all vertebrate species.

**Cellular Location**

Secreted.

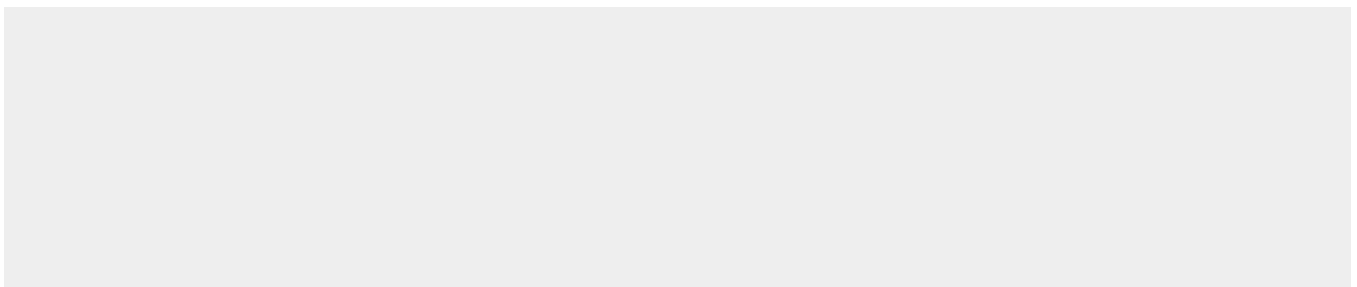
**Tissue Location**

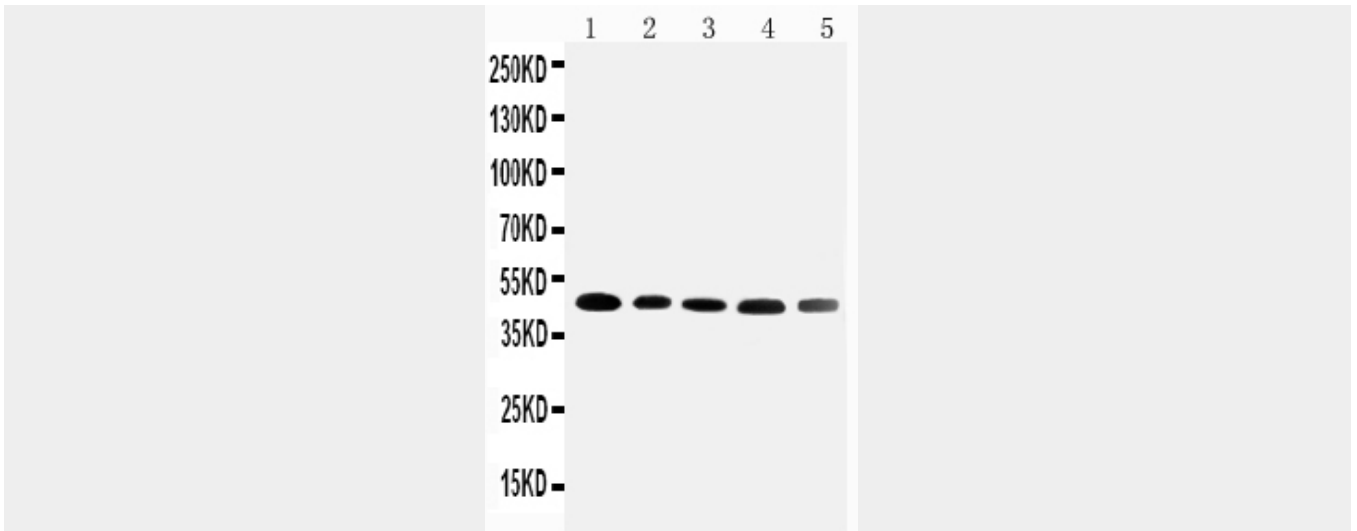
Plasma; synthesized in liver. Has also been identified in a number of glucocorticoid responsive cells

**Anti-Cortisol Binding Globulin Antibody - Protocols**

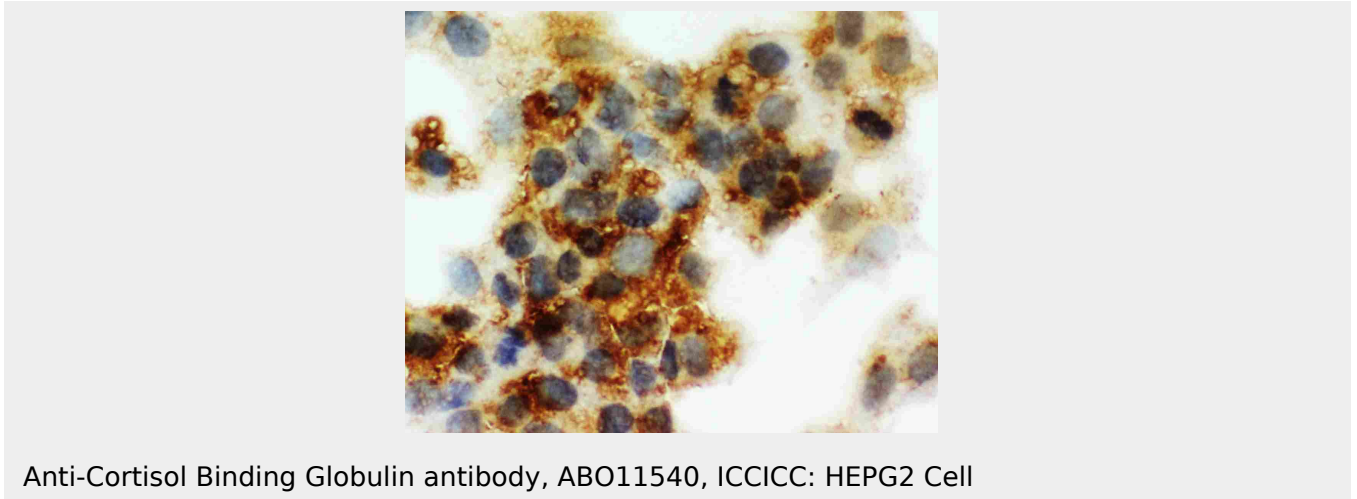
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Cortisol Binding Globulin Antibody - Images**



Anti-Cortisol Binding Globulin antibody, ABO11540, Western blotting  
Lane 1: HELA Cell Lysate  
Lane 2: A431 Cell Lysate  
Lane 3: U87 Cell Lysate  
Lane 4: 22RV1 Cell Lysate  
Lane 5: PANC Cell Lysate



Anti-Cortisol Binding Globulin antibody, ABO11540, ICCICC: HEPG2 Cell

### **Anti-Cortisol Binding Globulin Antibody - Background**

Corticosteroid-binding globulin (CBG), also known as Serpin A6 is a protein that in humans is encoded by the SERPINA6 gene. It is mapped 14q32.13. This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events.