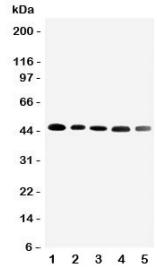
CBG Antibody Cortisol Binding Globulin (R31354)

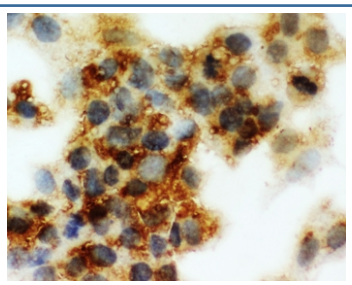
Catalog No.	Formulation	Size
R31354	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P08185
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml Immunocytochemistry: 0.5-1ug/ml
Limitations	This CBG antibody is available for research use only.



Western blot testing of CBG antibody and Lane 1: HeLa; 2: A431; 3: U87; 4: 22RV1; 5: PANC cell lysate. Expected/observed size ~45KD



ICC testing of CBG antibody and HEPG2 cells

Description

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. CBG is the major transport protein for glucorticoids 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CBG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Cortisol Binding Globulin (ETEIHQGFQHLHQLFAKSD) was used as the immunogen for this CBG antibody.

Storage

After reconstitution, the CBG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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