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Anti-Cortisol Binding Globulin Antibody

Catalog # ABO11540

Product Information

Application	WB, IHC-P, ICC
Primary Accession	P08185
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.

Additional Information

Gene ID	866
Other Names	Corticosteroid-binding globulin, CBG, Serpin A6, Transcortin, SERPINA6, CBG
Calculated MW	45141
Application Details	Immunocytochemistry , 0.5-1 □g/ml, Human, - Immunohistochemistry(Paraffin-embedded Section), 0.5-1 □g/ml, Human, By Heat Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Secreted.
Tissue Specificity	Plasma; synthesized in liver. Has also been identified in a number of glycocorticoid responsive cells.
Source	Eukaryota
Protein Name	Corticosteroid-binding globulin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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 r˚Constitution, 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.

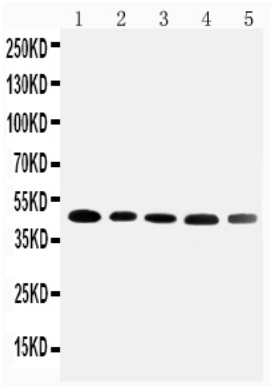
Protein Information

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 glycocorticoid responsive cells

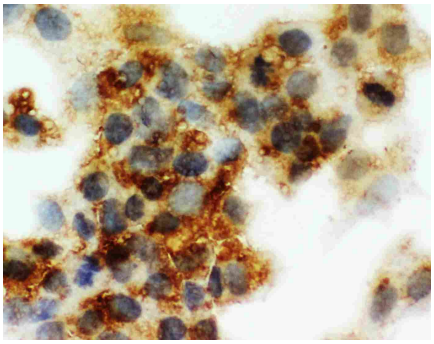
Background

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 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.

Images



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



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