

Datasheet for ABIN3042818  
**anti-SERPINA6 antibody (N-Term)**



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2 Images

## Overview

Quantity:	100 µg
Target:	SERPINA6
Binding Specificity:	AA 102-120, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Purpose:	Anti-Cortisol Binding Globulin/SERPINA6 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Cortisol Binding Globulin.
Sequence:	ETEIHQGFQH LHQLFAKSD
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Cortisol Binding Globulin/SERPINA6 Antibody (ABIN3042818). Tested in IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

## Product Details

Purification: Immunogen affinity purified.

## Target Details

Target: SERPINA6

Alternative Name: SERPINA6 ([SERPINA6 Products](#))

Background: Synonyms: Corticosteroid-binding globulin,CBG,Serpin A6,Transcortin,SERPINA6,CBG,  
Tissue Specificity: 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 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.  
Sequence Similarities: Belongs to the serpin family.

Molecular Weight: 60 kDa

UniProt: [P08185](#)

## Application Details

Application Notes: Immunocytochemistry , 0.5-1 µg/mL, Human  
Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human  
Western blot, 0.1-0.5 µg/mL, Human  
1. Buss, C., Schuelter, U., Hesse, J., Moser, D., Phillips, D. I., Hellhammer, D., Meyer, J.  
Haploinsufficiency of the SEPRINA6 gene is associated with severe muscle fatigue: a de novo  
mutation in corticosteroid-binding globulin deficiency. J. Neural Transm. 114: 563-569, 2007. 2.  
Torpy, D. J., Bachmann, A. W., Grice, J. E., Fitzgerald, S. P., Phillips, P. J., Whitworth, J. A.,  
Jackson, R. V. Familial corticosteroid-binding globulin deficiency due to a novel null mutation:  
association with fatigue and relative hypotension. J. Clin. Endocr. Metab. 86: 3692-3700, 2001.

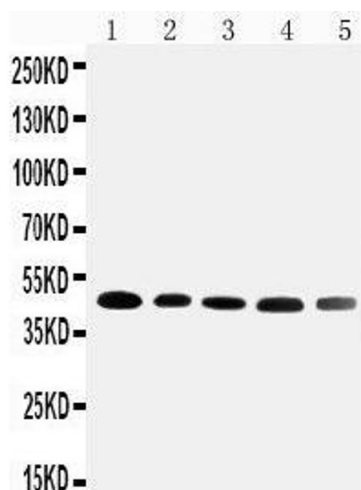
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by  
ABIN921231 in IHC(P) and ICC.

Restrictions: For Research Use only

Handling

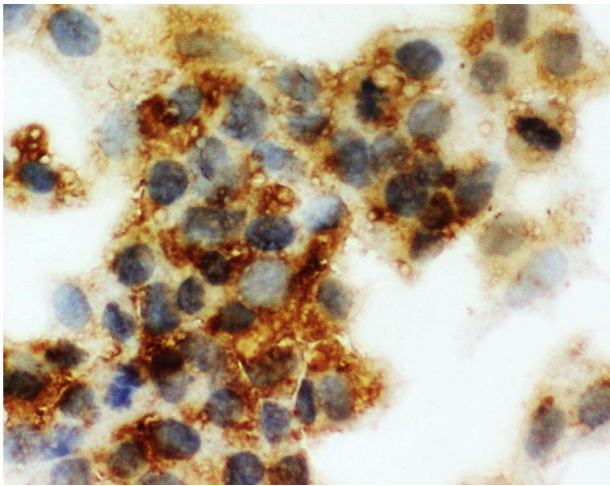
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

**Image 1.** Anti-Cortisol Binding Globulin antibody, 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



#### Immunohistochemistry

**Image 2.** Anti-Cortisol Binding Globulin antibody, ICC ICC:  
HEPG2 Cell