

SHBG Polyclonal Antibody

Catalog NumberPA5-38010

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	16 amino acid peptide near the center of human SHBG	Immunohistochemistry (IHC)	20 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1-2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A recommended positive control is human liver tissue lysate. At least three isoforms of SHBG are known to exist; this antibody will detect all three isoforms.

Background/Target Information

SHBG is a steroid binding protein that was first described as a plasma protein secreted by the liver and is thought to participate in the regulation of steroid responses. SHBG transports androgens and estrogens in the blood, binding each steroid molecule as a dimer formed from identical or nearly identical monomers. Low plasma SHBG levels are associated with obesity, abdominal adiposity, metabolic syndrome, and predict the development of type 2 diabetes. Polymorphisms in this gene have been associated with polycystic ovary syndrome and type 2 diabetes mellitus.

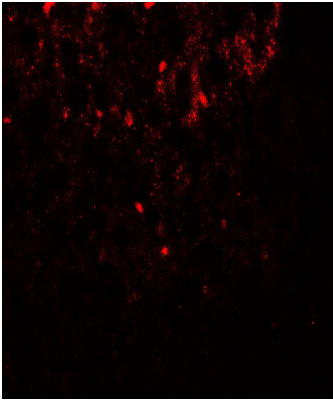
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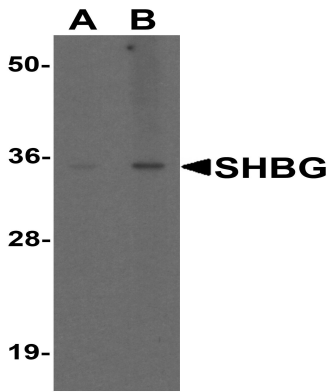
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Product Images For SHBG Polyclonal Antibody



SHBG Antibody (PA5-38010) in IHC
Immunofluorescence of SHBG in mouse liver tissue with SHBG Polyclonal Antibody (Product # PA5-38010) at 20 µg /mL.



SHBG Antibody (PA5-38010) in WB
Western Blot analysis of SHBG in human liver tissue lysate with SHBG Polyclonal Antibody (Product # PA5-38010) at (A) 1 and (B) 2 µg/mL.

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