

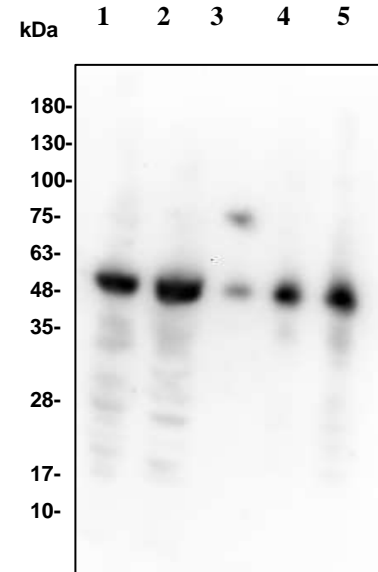
Human Serum Albumin Antibody

ALTERNATE NAMES:	HSA, human serum albumin, serum albumin	
CATALOG NO:	6965-30T	30 µg (Trial size)
	6965-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Human Albumin (Cat. No. 4016)	
INTERNAL ID:	BV-P28	
PURIFICATION:	Affinity purified rabbit IgG	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol.	
SPECIES REACTIVITY:	Human, Mouse, Rat	
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.	

DESCRIPTION: Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Mutations in this gene on chromosome 4 result in various anomalous proteins. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. The human albumin gene is 16,961 nucleotides long from the putative 'cap' site to the first poly (A) addition site. It is split into 15 exons which are symmetrically placed within the 3 domains that are thought to have arisen by triplication of a single primordial domain. HSA is widely used to stabilize blood volume generally from donors but the fear of contamination such as HIV & Hepatitis has enticed great interest in the recombinant form which is identical to the natural blood.

APPLICATION: Western blot: 1-4 µg

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot with Albumin antibody:

Lane 1: 22 µg mouse muscle lysate.
 Lane 2: 60 µg rat kidney lysate.
 Lane 3: 2 ng Human Serum Albumin – Cat # 4016
 Lane 4: 10 ng Human Serum Albumin – Cat # 4016.
 Lane 5: 50 ng Human Serum Albumin – Cat # 4016

RELATED PRODUCTS:

- BSA – Cohn Fraction V, pH – 5.2 (**7904-5, 25, 100**)
- BSA – Cohn Fraction V, pH – 7.0 (**7905-5, 25, 100**)
- BSA – Cohn Fraction V, Immunoassay Grade, Protease Free, pH – 7.0 (**7906-5, 25, 100**)
- BSA – Cohn Fraction V, Fatty Acid Free, pH – 7.0 (**7907-5, 25, 100**)
- BSA – Cohn Fraction V, Fatty Acid Free, pH – 5.2 (**7908-5, 25, 100**)
- BSA – Cohn Fraction V, Endotoxin Low, pH – 5.2 (**7910-5, 25, 100**)
- BSA – Cohn Fraction V, Immunoassay Grade, Protease Free, pH – 5.2 (**7911-5, 25, 100**)
- BSA – Cohn Fraction V, Fatty Acid Low, pH – 7.0 (**7912-5, 25, 100**)
- BSA – Cohn Fraction V, Fatty Acid Low, pH – 5.2 (**7913-5, 25, 100**)
- BSA (10% in H₂O) (**2119-10**)

FOR RESEARCH USE ONLY! Not to be used on humans.