

Store at -20C
#4929

Albumin Antibody



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 67	Source/Isotype: Rabbit	UniProt ID: #P02768	Entrez-Gene Id: 213
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Product Usage Information	Application Western Blotting	Dilution 1:1000
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do not aliquot the antibody.	
Specificity/Sensitivity	Albumin Antibody recognizes total human albumin protein. It does not recognize albumin from bovine or horse.	
Source / Purification	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro134 of human albumin. Antibodies are purified by protein A and peptide affinity chromatography.	
Background	Serum albumin is the most abundant protein in plasma. It accounts for over 50% of total human plasma protein content, having a concentration of approximately 40 g/L. Albumin is predominantly synthesized in the liver and is a major transportation component for many endogenous and exogenous compounds, including fatty acids, steroid hormones, metabolites and drugs. It is also responsible for maintaining colloid osmotic pressure and may affect microvascular integrity (1).	
Background References	1. Quinlan, G.J. et al. (2005) <i>Hepatology</i> 41, 1211-1219.	
Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).	
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.	
Applications Key	W: Western Blotting	
Cross-Reactivity Key	H: Human M: Mouse R: Rat	
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