

## Product datasheet for **AP31656SU-N**

### Alb Rabbit Polyclonal Antibody

#### Product data:

Product Type: Primary Antibodies  
Applications: ID, IP  
Recommended Dilution: **Immunoprecipitation.**  
**Immunodiffusion.**

#### Ouchterlony: Results

##### Test 1

Sample Size: 10  $\mu$ l  
Distance Between Wells: 5 mm  
Test time: 24 hours  
Sample tested: Rat Albumin  
Results: one band

##### Test 2

Sample Size: 10  $\mu$ l  
Distance Between Wells: 5 mm  
Test time: 24 hours  
Sample tested: Normal Rat serum (neat-1/1600)  
Results: one band for each dilution

##### Test 3

Sample Size: 10  $\mu$ l  
Distance Between Wells: 5 mm  
Test time: 24 hours  
Sample tested: Rat Transferrin and Rat IgG  
Results: Neagative

Reactivity: Rat  
Host: Rabbit  
Clonality: Polyclonal  
Specificity: This antibody is directed against Rat Albumin.



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<b>Formulation:</b>	State: Serum State: Neat Serum containing 0.05% Sodium Azide as preservative
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody (in aliquots) at -20°C.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	albumin
<b>Database Link:</b>	<a href="#">Entrez Gene 24186 Rat P02770</a>
<b>Background:</b>	<p>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. 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.</p>
<b>Synonyms:</b>	ALB, BSA, HSA, Serum Albumin
<b>Note:</b>	The antiserum of individual host animals was monitored for titre and specificity before pooling into uniform high titre lots.