

Albumin Rabbit pAb

Catalog No.: A1363 **3 Publications**

Basic Information

Observed MW

69kDa

Calculated MW

45kDa/47kDa/69kDa

Category

Primary antibody

Applications

WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. Albumin is synthesized in the liver as prealbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, prealbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
213	P02768

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 360-609 of human Albumin (NP_000468.1).

Synonyms

ALB;HSA;PRO0883;PRO0903;PRO1341;albumin;Albumin

Contact

 | www.abclonal.com

Product Information

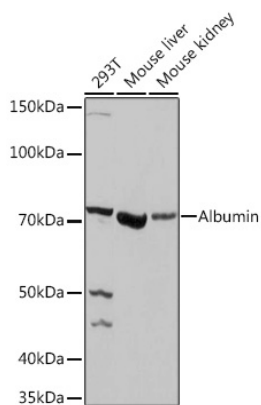
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Albumin Rabbit pAb (A1363) at 1:500 dilution.

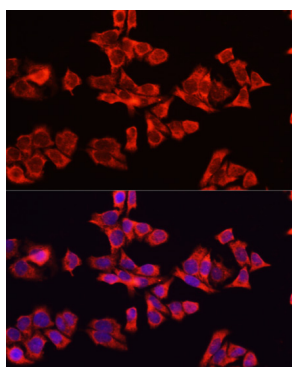
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

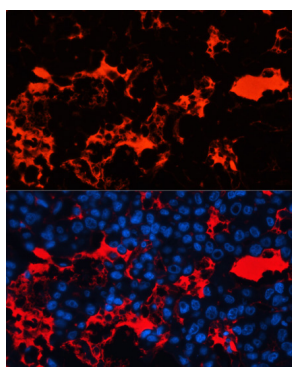
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunofluorescence analysis of HeLa cells using Albumin antibody (A1363) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of human liver cancer cells using Albumin antibody (A1363) at dilution of 1:100. Blue: DAPI for nuclear staining.