

Product datasheet for **TA323638S**

Albumin (ALB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HepG2 cell, Mouse fetal liver tissue lysates IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 256-579 amino acids of Human Serum albumin
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	albumin
Database Link:	NP_000468 Entrez Gene 11657 Mouse Entrez Gene 213 Human P02768



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Background:

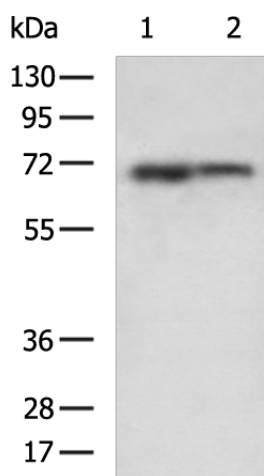
Albumin is a soluble; monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids; fatty acids; and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein 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; proalbumin; is in turn cleaved in the Golgi vesicles to produce the secreted albumin.

Synonyms:

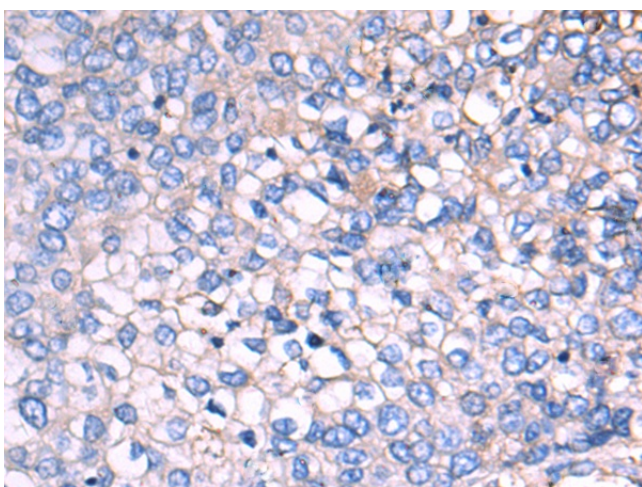
HSA; PRO0883; PRO0903; PRO1341

Protein Families:

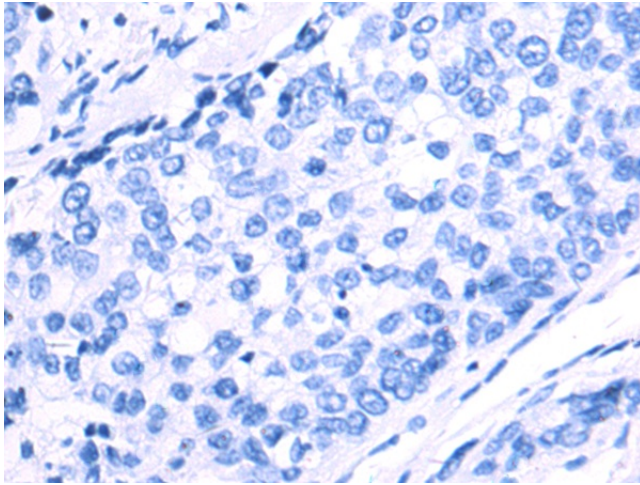
Secreted Protein

Product images:


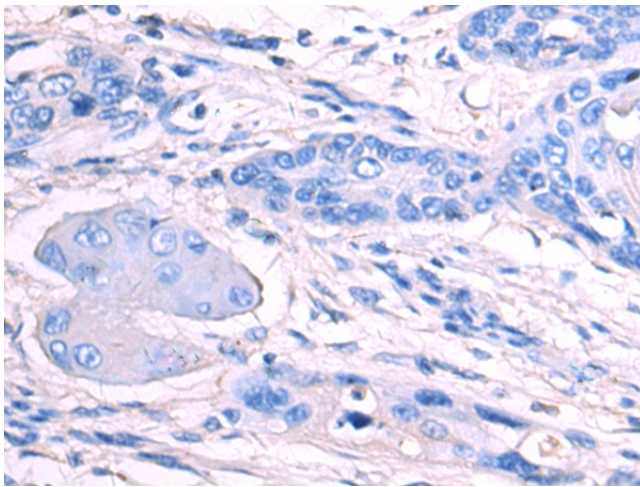
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: HepG2 cell
 Mouse fetal liver tissue lysates
 Primary antibody: [TA323638] (ALB Antibody) at dilution 1/800
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 30 seconds



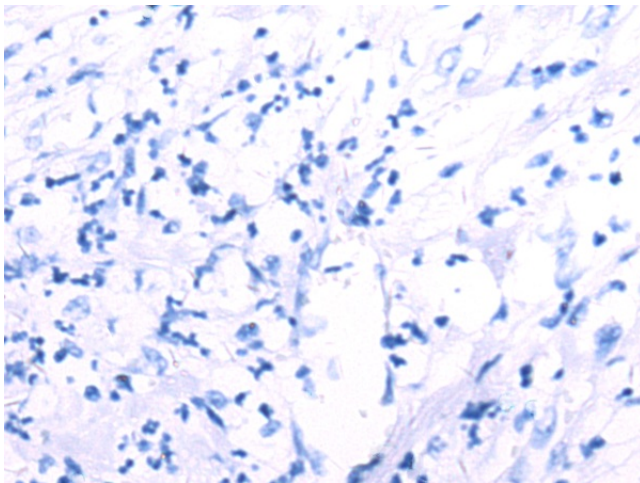
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA323638] (ALB Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA323638] (ALB Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA323638] (ALB Antibody) at dilution 1/55 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA323638] (ALB Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: x200)