

Datasheet for ABIN2776970

anti-Albumin antibody (Middle Region)[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	100 µL
Target:	Albumin (ALB)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Horse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Albumin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ALB
Sequence:	LSEKERQIKK QTALVELVKH KPKATKEQLK AVMDDFAAFV EKCKADDKE
Predicted Reactivity:	Cow: 86%, Dog: 86%, Goat: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Rat: 83%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against ALB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Albumin (ALB)
Alternative Name:	ALB (ALB Products)

Target Details

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 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. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: DKFZp779N1935, PRO0883, PRO0903, PRO1341 Protein Interaction Partner: FUS, UBC, PARK2, UBD, PAN2, MYLK3, CABLES1, SLA2, TLN2, CEP44, PHC3, PALB2, QTRTD1, TTPAL, DERL1, CDCP1, TRAPPC11, SCAF1, NLRC4, IGDCC4, GJC2, CROT, EXOC6, PDZRN4, EEF2K, IGKV2-40, BBC3, LAT, SACS, SPATA31A7, AP4E1, CRB1, DICER1, OBSL1, SLC9A8, CAMTA1, SE Protein Size: 609
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Molecular Weight:	67 kDa
Gene ID:	213
NCBI Accession:	NM_000477 , NP_000468
UniProt:	P02768
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 609 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

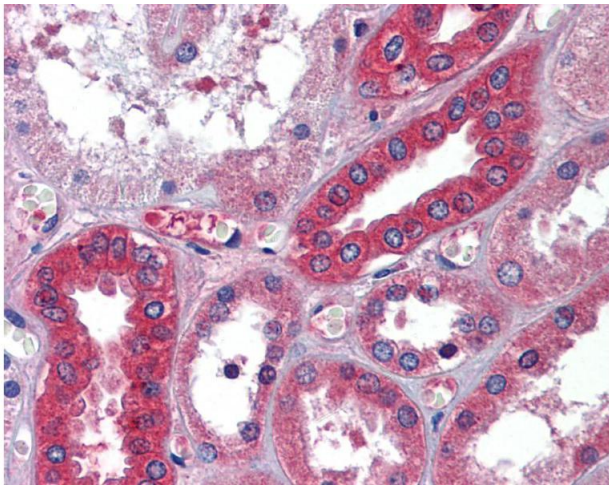
Publications

Product cited in:	Holzer, Birner-Gruenberger, Stojakovic, El-Gamal, Binder, Wadsack, Heinemann, Marsche: "Uremia alters HDL composition and function." in: Journal of the American Society of Nephrology : JASN , Vol. 22, Issue 9, pp. 1631-41, (2011) (PubMed).
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Images



Western Blotting
Image 1. WB Suggested Anti-ALB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human brain



Immunohistochemistry

Image 2.