
Product Name: KD-Validated Albumin Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00241**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 69.4kDa

Antigen Information

Gene Name	ALB
Alternative Names	ALB; Albumin; Serum Albumin; PRO0883; PRO0903; PRO1341; FDAHT; HSA
Gene ID	213.0
SwissProt ID	P02768
Immunogen	A synthesized peptide derived from Cow Bovine Serum Albumin

Background

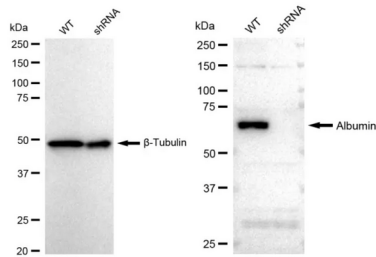
This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this

protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]

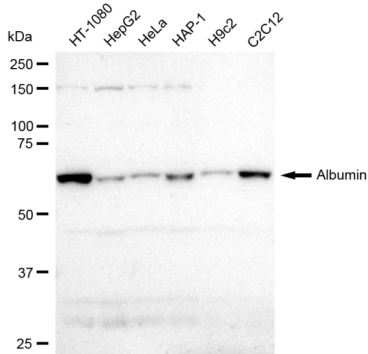
Research Area

Cardiovascular, Signal Transduction, Stem Cells, Developmental Biology, Kits/ Lysates/ Other, Metabolism, Neuroscience

Image Data



Western blotting analysis using Albumin antibody (KVA00241). Albumin expression in wild type (WT) and Albumin shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with Albumin antibody (KVA00241, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Albumin antibody (KVA00241). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Albumin antibody (KVA00241, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.