

Albumin polyclonal antibody

Catalog: BS90045

Host: Rabbit

Reactivity: Human, Mouse, Rat, Cow

BackGround:

Serum albumin (ALB), the main protein in plasma, has a very good binding capacity for water, fatty acids, calcium, sodium, bilirubin, hormones, potassium and drugs. The primary function of ALB is to regulate the colloidal osmotic pressure of blood. 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 form of albumin. Mutations in the ALB gene may result in familial dysalbuminemic hyperthyroxinemia (FDH), a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T4. FDH is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian populations.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

69 kDa

Swiss-Prot:

P02768(Human) P07724(Mouse) P02770(Rat)
P02769(Cow)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

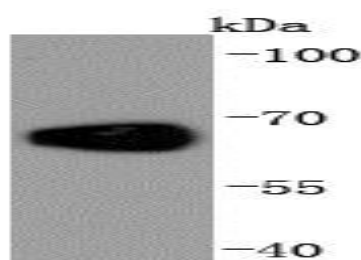
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

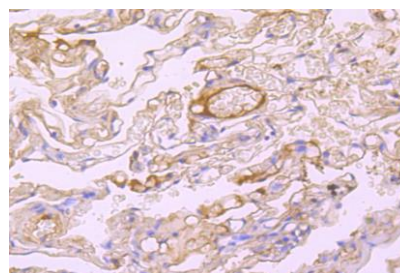
Specificity:

Albumin polyclonal antibody detects endogenous levels of Albumin protein.

DATA:



Western blot analysis of Albumin on HeLa cells lysates using anti-Albumin antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-Albumin antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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