

Bovine Serum Albumin Rabbit pAb

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Catalog # AP52074

Product Information

Application	WB
Reactivity	Rat, Human, Mouse, Goat
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	Bovine Serum Albumin
Epitope Specificity	full length
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
DISEASE	Defects in ALB are a cause of familial dysalbuminemic hyperthyroxinemia (FDH) [MIM:103600]. FDH is a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T(4). It is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian population.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Other Names	Serum albumin; BSA; ALB
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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applications.

References

Holowachuk E.W.,et al.Submitted (AUG-1991) to the EMBL/GenBank/DDBJ databases.

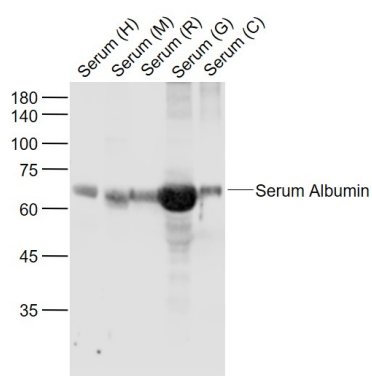
Barry T.,et al.Submitted (JUL-1994) to the EMBL/GenBank/DDBJ databases.

Hilger C.,et al.Clin. Exp. Immunol. 123:387-394(2001).

Wu H.T.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.

McGillivray R.T.A.,et al.Eur. J. Biochem. 98:477-485(1979).

Images



Sample:

Lane 1: Serum (Human) at 20 ug

Lane 2: Serum (Mouse) at 20 ug

Lane 3: Serum (Rat) at 20 ug

Lane 4: Serum (Goat) at 20 ug

Lane 5: Serum (Cow) at 20 ug

Primary: Anti-Bovine Serum Albumin (AP52074) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 67 kD

Observed band size: 67 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.