

# Anti-Serum Albumin Antibody

## R1212-2



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	WB
<b>Molecular Wt:</b>	Predicted band size: 69 kDa

**Description:** Albumin is a family of globular proteins, the most common of which are the serum albumins. All the proteins of the albumin family are water-soluble, moderately soluble in concentrated salt solutions, and experience heat denaturation. Albumins are commonly found in blood plasma and differ from other blood proteins in that they are not glycosylated. Substances containing albumins are called albuminoids. A number of blood transport proteins are evolutionarily related in the albumin family, including serum albumin, alpha-fetoprotein, vitamin D-binding protein and afamin. This family is only found in vertebrates.

**Immunogen:** Purified Human Serum Albumin.

**Positive control:** Purified human serum albumin

**Subcellular location:** Secreted

**Database links:** SwissProt: P02768 Human

**Recommended Dilutions:**

**WB** 1:2,000-1:5,000

**Storage Buffer:** 1\*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

**Storage Instruction:** Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

**Purity:** Protein A affinity purified.

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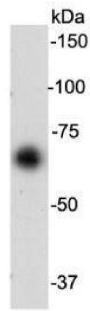
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## Images



**Fig1:** Western blot analysis on human serum albumin using rabbit polyclonal antibodies.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

## Background References

1. "Binding of the general anesthetics propofol and halothane to human serum albumin. High resolution crystal structures." Bhattacharya A.A., Curry S., Franks N.P. *J. Biol. Chem.* 275:38731-38738(2000)
2. "Crystal structures of human serum albumin complexed with monounsaturated and polyunsaturated fatty acids." Petitpas I., Grune T., Bhattacharya A.A., Curry S. *J. Mol. Biol.* 314:955-960(2001)
3. "A nucleotide insertion and frameshift cause albumin Kenitra, an extended and O-glycosylated mutant of human serum albumin with two additional disulfide bridges." Minchiotti L., Campagnoli M., Rossi A., Cosulich M.E., Monti M., Pucci P., Kragh-Hansen U., Granel B., Disdier P., Weiller P.J., Galliano M. *Eur. J. Biochem.* 268:344-352(2001)

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