Product no AS99 002
BSA | Bovine serum albumin (affinity purified, rabbit antibody)

Product information

**Background**
Albumin is the most abundant protein in the circulatory system. In mammals albumin is synthesized initially as preproalbumin by the liver. After removal of the signal peptide, the resultant proalbumin is further processed by removal of the six-residue propeptide from the new N-terminus. The albumin released into circulation possesses a half-life of 19 days.

**Immunogen**
purified BSA, whole molecule P02769

**Host**
Rabbit

**Clonality**
Polyclonal

**Purity**
Affinity purified serum in PBS, pH 7.4

**Format**
Lyophilized

**Quantity**
100 µg

**Reconstitution**
For reconstitution add 100 µl of sterile water.

**Storage**
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

**Tested applications**
ELISA (ELISA), Western blot (WB)

**Related products**
- AS02 023 | BSA hen antibody
- IMS02-035-326 | BSA hen antibody
- IMS06-035-327 | BSA hen antibody, biotinylated
- AS10 1384 | anti-human albumin goat antibody

**Additional information**
Low endotoxin level as determined by Lonza LAL kit and compare to other products

Application information

**Recommended dilution**
1 : 5 000 (ELISA), 1 : 5 000 (WB)

**Expected | apparent MW**
67 kDa

**Confirmed reactivity**
Bovine, Rat

**Predicted reactivity**
Goat, Sheep

**Not reactive in**
No confirmed exceptions from predicted reactivity are currently known.

**Additional information**
Antibody is recognising endogenous rat serum albumin.

**Selected references**
to be added when available

**application example**
Indirect ELISA: Anti-BSA antibodies (0.1 mg/ml) at dilution of 1:5 000 was found to generate absorbance 1.0 at 650 nm after 10 minutes of incubation with DAKO® TMB One-Step Substrate System at room temperature.