

Albumin Rabbit pAb

Catalog No.: A0353 **9 Publications**

Basic Information

Observed MW

69kDa

Calculated MW

69kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IHC-P

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

| | |
|---------------|---------------|
| WB | 1:100 - 1:500 |
| IF/ICC | 1:50 - 1:200 |
| IHC-P | 1:50 - 1:100 |

Immunogen Information

Gene ID

213

Swiss Prot

P02768

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-609 of human Albumin (NP_000468.1).

Synonyms

HSA; FDAHT; PRO0883; PRO0903; PRO1341; Albumin

Contact

| | |
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Product Information

Source

Rabbit

Isotype

IgG

Purification

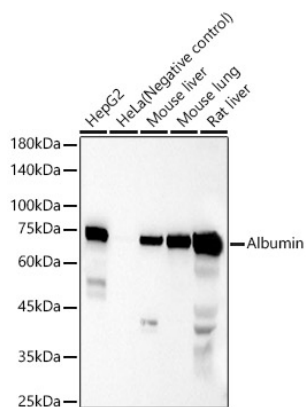
Affinity purification

Storage

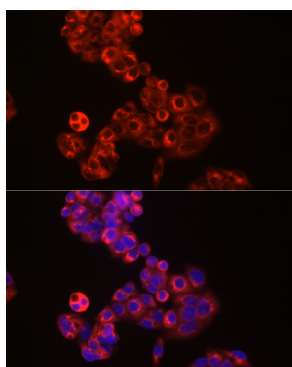
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

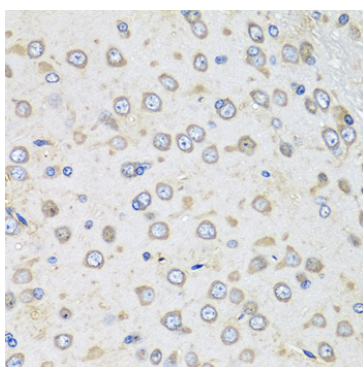
Validation Data



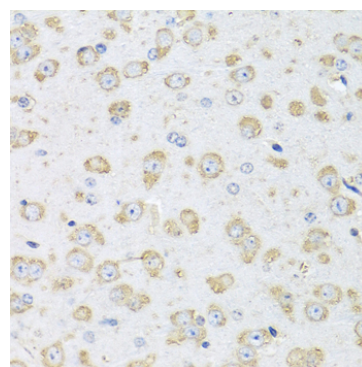
Western blot analysis of various lysates, using Albumin Rabbit pAb (A0353) at 1:400 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 30s.



Immunofluorescence analysis of HepG2 cells using Albumin Rabbit pAb (A0353) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Albumin in paraffin-embedded rat brain using Albumin Rabbit pAb (A0353) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Albumin in paraffin-embedded mouse brain using Albumin Rabbit pAb (A0353) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.