RbBP7 Antibody
Rabbit Polyclonal

Antigen Affinity Purified  Protein ID  AAC50231.1
Catalog No.  A300–958A  GeneID  5931

**APPLICATIONS**
WB, IP, IHC

**SPECIES REACTIVITY**
Human, Mouse

**PRESUMED REACTIVITY**
Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and Orangutan

**AMOUNT**
100 µl

**CONCENTRATION**
200 µg/ml

**STORAGE/SHELF LIFE**
2 – 8° C / 1 year from date of receipt

**PHYSICAL STATE**
Liquid

**BUFFER**
Tris–buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

**ISOTYPE**
IgG

**ORIGIN**
USA

**PRODUCTION PROCEDURES**
Antibody was affinity purified using an epitope specific to RbBP7 immobilized on solid support.

The epitope recognized by A300–958A maps to a region between residue 1 and 50 of human Retinoblastoma Binding Protein 7 using the numbering given in entry AAC50231.1 (GeneID 5931).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS**
Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot  1:2,000 – 1:10,000
Immunoprecipitation  2 – 5 µg/mg lysate
Immunohistochemistry  1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

**APPLICATION NOTES**
Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4–20% SDS–PAGE.

**IHC HUMAN CONTROLS**
Breast Carcinoma, Metastatic Lymph Node, Ovarian Carcinoma

**IHC MOUSE CONTROLS**
Fibroma, Squamous Cell Carcinoma, Teratoma

**ADDITIONAL INFO**
https://www.bethyl.com/product/A300–958A
Use the link above to view SDS, a current list of citations, and other product specific information.
IP–western blot protocol: https://www.bethyl.com/content/protocol_IP_WB
Detection of human and mouse RbBP7 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-RbBP7 antibody A300–958A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate (B). RbBP7 was also immunoprecipitated by rabbit anti-RbBP7 antibody A300–959A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

Detection of human RbBP7 by immunohistochemistry. Sample: FFPE section of human metastatic lymph node. Antibody: Affinity purified rabbit anti–RbBP7 (Cat. No. A300–958A Lot1) used at a dilution of 1:1,000 (0.2 µg/ml). Detection: DAB