AP0444SP

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# Phospho-RB-S780 Rabbit pAb

**Catalog No.: AP0444SP** 4 Publications

## Basic Information

**Observed MW**
110 kDa

**Calculated MW**
106 kDa

**Category**
Polyclonal Antibody

**Applications**
WB,IHC-P,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

## Background

The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:5000 |
| **IHC-P** | 1:50 - 1:200 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
5925

**Swiss Prot**
P06400

**Immunogen**
This information is considered to be commercially sensitive.

**Synonyms**
RB; pRb; OSRC; pp110; p105-Rb; PPP1R130; p110-RB1; Phospho-RB-S780

## Contact

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## Product Information

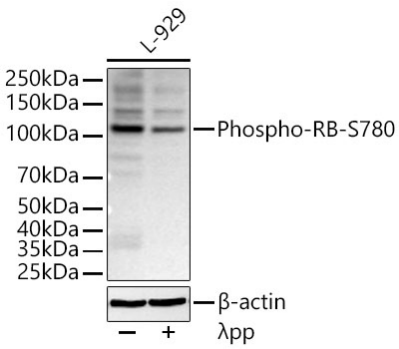
**Source**
Rabbit

**Isotype**
IgG

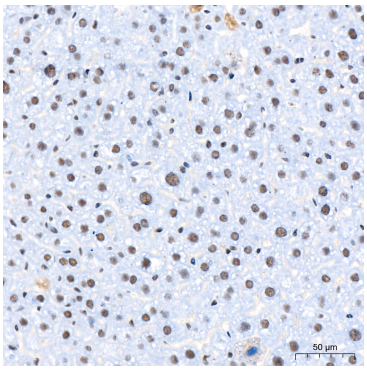
**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Western blot analysis of lysates from L-929 cells using Phospho-RB-S780 Rabbit pAb (AP0444SP) at 1:1000 dilution incubated overnight at 4℃. L-929 cells were treated with λpp (2 U/μL) at 30℃ for 1 hour
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.




Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Phospho-RB-S780 Rabbit pAb (AP0444SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



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