

CABP0444

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## Product Information

<b>Product SKU:</b>	CABP0444	<b>Gene ID:</b>	5925	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	100kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	106kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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 Dilution:** WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

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

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around S780 of human RB (NP\_000312.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.