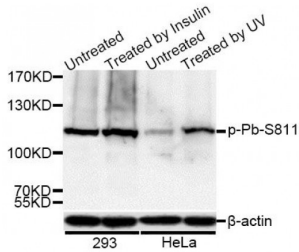
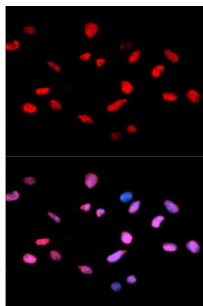


**RB1 (pS811) Antibody**

Catalogue No.: abx000161



Western blot analysis of extracts of 293 and HeLa cells, using Phospho-Rb-S811 antibody (abx000161) at 1/1000 dilution. 293 cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. HeLa cells were treated by UV for 15-30 minutes.



Immunofluorescence analysis of U2OS cells using Phospho-Rb-S811 antibody (abx000161). Blue: DAPI for nuclear staining.

RB1 (pS811) Antibody is a Rabbit Polyclonal antibody against RB1 (pS811). 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 (RB1), bladder cancer, and osteogenic sarcoma.

**Target:** RB1 (pS811)

**Reactivity:** Human

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IF/ICC

**Recommended dilutions:** WB: 1/1000 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding S811 of human RB.

**Purification:** Affinity purified.

**Form:** Liquid

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<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	Calculated MW: 106 kDa Observed MW: 106 kDa
<b>Swiss Prot:</b>	<a href="#">P06400</a>
<b>GeneID:</b>	<a href="#">5925</a>
<b>Gene Symbol:</b>	RB1
<b>Concentration:</b>	> 1 mg/ml
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Note:</b>	This product is for research use only.