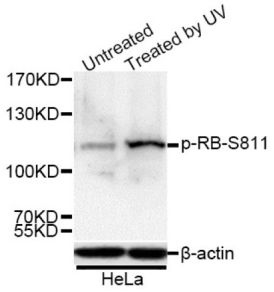
Retinoblastoma Protein 1 Phospho-Ser811 (RB1 pS811) Antibody

Catalogue No.:abx000161



Western blot analysis of lysates from HeLa cells, using Phospho-RB-S811 Antibody at 1/1000 dilution. HeLa cells were treated by UV for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

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:	Retinoblastoma Protein 1 Phospho-Ser811 (RB1 pS811)
Clonality:	Polyclonal
Target Modification:	Ser811
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/1000 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around S811 of human RB.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P06400 (UniProt, ExPASy)
Gene Symbol:	RB1
GeneID:	5925
NCBI Accession:	NP_000312.2
KEGG:	hsa:5925
String:	9606.ENSP00000267163
Molecular Weight:	Calculated MW: 106 kDa Observed MW: 106 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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Website: www.abbexa.com · Email: info@abbexa.com