

Anti-Phospho-Rb (Ser807/Ser811) Rabbit pAb

Purified Rabbit Polyclonal Antibody

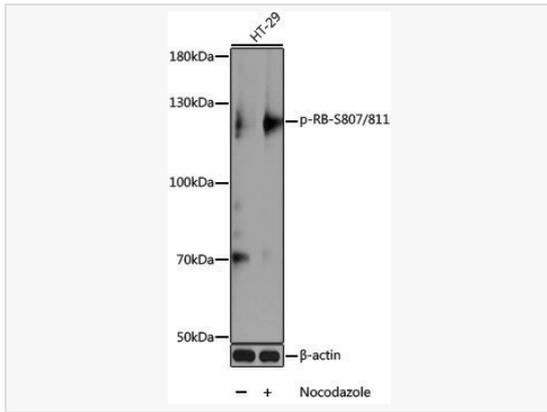
Catalog # P108863

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S807 & S811 of human RB (NP_000312.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Rb (Ser807/Ser811) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	RB; pRb; OSRC; pp110; p105-Rb; PPP1R130; p110-RB1; Phospho-RB-S807/811.
Calculated MW	Calculated MW: 106 kDa; Observed MW: 120 kDa
Uniprot ID	P06400
Gene ID	5925
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.



Western blot analysis of lysates from HT-29 cells, using Phospho-RB-S807/811 Rabbit pAb (P108863) at 1:1,000 dilution. HT-29 cells were treated by Nocodazole (100ng/mL) for 16 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Kit (SQ201).

Exposure time: 5s.