

Product datasheet for TA333284

Rb (RB1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IHC, WB

Recommended Dilution: WB 1:500-1:2000

Reactivity: Human, Mouse, Rat

Modifications: Phospho-specific

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: A phospho specific peptide corresponding to residues surrounding S780 of human RB1

Formulation: Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with

0.02% sodium azide, 50% glycerol, pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 928

Gene Name: RB transcriptional corepressor 1

Database Link: NP 000312

Entrez Gene 19645 MouseEntrez Gene 24708 RatEntrez Gene 5925 Human

P06400

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.



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



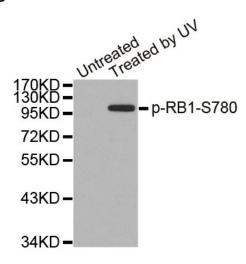
Synonyms: OSRC; p105-Rb; pp110; PPP1R130; pRb; RB

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Bladder cancer, Cell cycle, Chronic myeloid leukemia, Glioma, Melanoma, Non-small cell lung

cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer

Product images:



Western blot analysis of extracts from 3T3 cells, using Phospho-RB1-S780 antibody.