

RBBP5 Polyclonal antibody

Catalog Number: 13181-1-AP

1 Publications

Basic Information

Catalog Number:

13181-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3848

GenBank Accession Number:

BC037284

GeneID (NCBI):

5929

UNIPROT ID:

Q15291

Full Name:

retinoblastoma binding protein 5

Calculated MW:

538 aa, 59 kDa

Observed MW:

59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HL-60 cells, HeLa cells

Background Information

RBQ-3, also known as RBBP5 (retinoblastoma binding protein 5) or SWD1, is a 538 amino acid protein that localizes to the nucleus and contains six WD repeats. Expressed ubiquitously, RBQ-3 functions as a component of the Set1 complex and preferentially binds to underphosphorylated forms of the retinoblastoma (Rb) protein, possibly playing a role in the regulation of cell proliferation. RBQ-3 exists as two alternatively spliced isoforms and, upon DNA damage, is subject to phosphorylation by ATM or ATR.

Notable Publications

Author	Pubmed ID	Journal	Application
Gongwei Wu	28474697	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

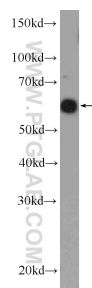
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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 13181-1-AP (RBBP5 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.