

For Research Use Only

RBBP5 Polyclonal antibody

Catalog Number: 13181-1-AP **1 Publications**



Basic Information

Catalog Number: 13181-1-AP	GenBank Accession Number: BC037284	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 5929	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q15291	
Isotype: IgG	Full Name: retinoblastoma binding protein 5	
Immunogen Catalog Number: AG3848	Calculated MW: 538 aa, 59 kDa	
	Observed MW: 59 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, HeLa cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

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

For technical support and original validation data for this product please contact:

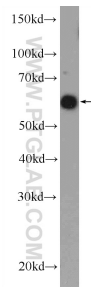
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Selected Validation Data



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.