

For Research Use Only

RSF1 Polyclonal antibody

Catalog Number: 26011-1-AP

Featured Product



Basic Information

Catalog Number: 26011-1-AP	GenBank Accession Number: BC153210	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 51773	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: remodeling and spacing factor 1	
Isotype: IgG	Calculated MW: 1441 aa, 164 kDa	
Immunogen Catalog Number: AG22456	Observed MW: 250 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 320 cells, HeLa cells, HEK-293 cells, U-251 cells
Species Specificity: human	

Background Information

RSF1, remodelling and spacing factor 1, is an important interphase centromere protein and is overexpressed in many types of cancers and correlated with poor overall survival. RSF1 has functions mainly in maintaining chromosome stability, facilitating DNA repair, maintaining the protein homeostasis of RSF1 and suppressing the transcription of some oncogenes when RSF1 protein is expressed at an optimal level; however, RSF1 overexpression facilitates drug resistance and cell cycle checkpoint inhibition to prompt cancer proliferation and survival. The RSF1 expression level and gene background are crucial for RSF1 functions, which may explain why RSF1 has different functions in different cancer types. The calculated molecular weight of RSF1 is 163 kDa, but 26011-1-AP can detect a band around 250 kDa, we validated the specificity by knock down. (PMID: 34147108)

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

*** 20ul sizes contain 0.1% BSA

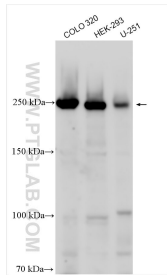
For technical support and original validation data for this product please contact:

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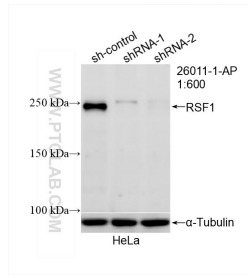
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26011-1-AP (RSF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of RSF1 antibody (26011-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-RSF1 transfected HeLa cells.