

For Research Use Only

RPS3 Recombinant antibody

Catalog Number: 84947-4-RR



Basic Information

Catalog Number: 84947-4-RR	GenBank Accession Number: BC003137	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6188	CloneNo.: 242504F3
Source: Rabbit	UNIPROT ID: P23396	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ribosomal protein S3	
Immunogen Catalog Number: AG7346	Calculated MW: 27 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, COLO 320 cells, NIH/3T3 cells, mouse brain tissue, human brain tissue,
Species Specificity: human, mouse, rat	

Background Information

40S ribosomal protein S3 (RPS3), also named as SW-cl.26, is a 243 amino acid protein, which contains one KH type-2 domain and belongs to the ribosomal protein S3P family. RPS3 localizes in the cytoplasm. RPS3 is identified in a IGF2BP1-dependent mRNP granule complex, which contains untranslated mRNAs. RPS3 plays a role in repairing various DNA damage acting as a repair UV endonuclease. Nuclear accumulation of RPS3 results in an increase in DNA repair activity to some extent, thereby sustaining neuronal survival.

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

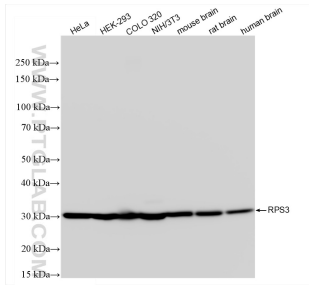
For technical support and original validation data for this product please contact:

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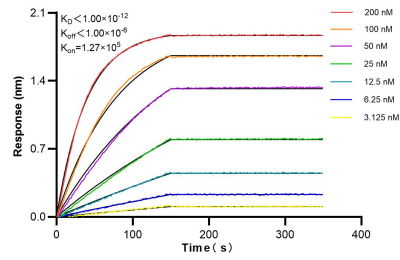
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84947-4-RR (RPS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84947-4-RR against Human RPS3 were performed. The affinity constant is below 1 pM.