

For Research Use Only

WRAP53 Recombinant antibody

Catalog Number: 86487-1-RR



Basic Information

Catalog Number: 86487-1-RR	GenBank Accession Number: BC002336	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 55135	CloneNo.: 251391B8
Source: Rabbit	UNIPROT ID: Q9BUR4	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: WD repeat containing, antisense to TP53	
Immunogen Catalog Number: AG6522	Calculated MW: 59 kDa	
	Observed MW: 72-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : Raji cells, A431 cells, HEK-293 cells, HeLa cells, NIH/3T3 cells

Background Information

WRAP53 (WD40-encoding RNA Antisense to p53), also known as TCAB1 and WDR79, is a multifunctional protein encoded by a gene that produces both a coding mRNA and a regulatory antisense RNA targeting the tumor suppressor p53. Initially identified for its role in maintaining genomic stability by regulating p53 expression, WRAP53 is crucial for telomerase assembly and localization to Cajal bodies, impacting telomere maintenance. It also participates in DNA damage repair and cellular stress responses. The calculated molecular weight of WRAP53 is about 59 kDa, but the actual observed molecular weight is about 72-75 kDa, which may be due to modification.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

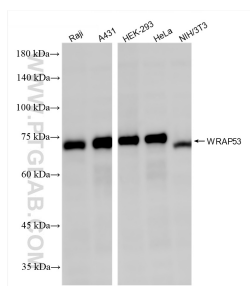
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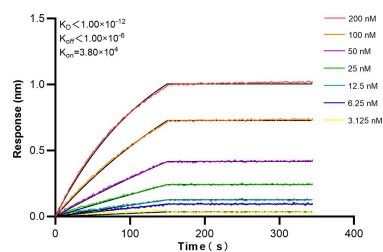
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86487-1-RR (WRAP53 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86487-1-RR against Human WRAP53 were performed. The affinity constant is below 1 pM.