

For Research Use Only

ZRANB3 Polyclonal antibody

Catalog Number: 23111-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number: 23111-1-AP	GenBank Accession Number: BC064616	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84083	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: zinc finger, RAN-binding domain containing 3	
Isotype: IgG	Calculated MW: 1079 aa, 123 kDa	
Immunogen Catalog Number: AG19407	Observed MW: 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

ZRANB3, also named Annealing helicase 2 or DNA annealing helicase and endonuclease ZRANB3, is a 1079 amino acid protein, which contains one RanBP2-type zinc finger, one helicase C-terminal domain, one HNH domain and one helicase ATP-binding domain. ZRANB3 localizes in the nucleus and belongs to the SNF2/RAD54 helicase family. ZRANB3 as a DNA annealing helicase and endonuclease is required to maintain genome stability at stalled or collapsed replication forks by facilitating fork restart and limiting inappropriate recombination that could occur during template switching events.

Notable Publications

Author	Pubmed ID	Journal	Application
Sofija Mijic	29038466	Nat Commun	WB
Yitian Guo	34645785	Cell Death Dis	WB
Zhihua Kang	34645815	Nat Commun	WB

Storage

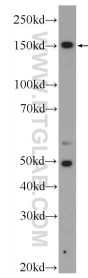
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

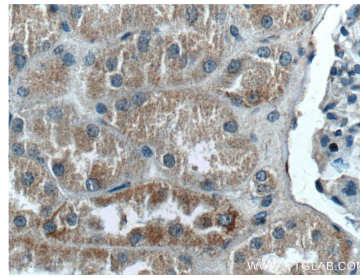
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23111-1-AP (ZRANB3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 23111-1-AP (ZRANB3 Antibody) at dilution of 1:200 (under 40x lens).