

For Research Use Only

ZRANB3 Polyclonal antibody

Catalog Number: 23111-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number:

23111-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19407

GenBank Accession Number:

BC064616

GeneID (NCBI):

84083

UNIPROT ID:

Q5FWF4

Full Name:

zinc finger, RAN-binding domain containing 3

Calculated MW:

1079 aa, 123 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HEK-293 cells,

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

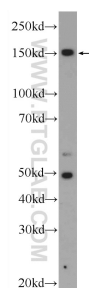
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.