

# RUVBL2 Polyclonal antibody

Catalog Number: 10195-1-AP

Featured Product

20 Publications

## Basic Information

## Catalog Number:

10195-1-AP

## Size:

500 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG0253

## GenBank Accession Number:

BC000428

## GeneID (NCBI):

10856

## UNIPROT ID:

Q9Y230

## Full Name:

RuvB-like 2 (E. coli)

## Calculated MW:

51 kDa

## Observed MW:

51 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:200-1:800

## Applications

## Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

## Cited Applications:

WB, IP, IF, IHC

## Species Specificity:

human, mouse

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : C2C12 cells, Daudi cells, HeLa cells, HepG2 cells

IP : HeLa cells, mouse brain tissue

IHC : human testis tissue, human kidney tissue, human placenta tissue, human skin tissue, human brain tissue, human heart tissue, human lymphoma tissue, human gliomas tissue, human spleen tissue, human lung tissue, human ovary tissue

IF : HepG2 cells,

## Background Information

RuvB-like 2 (E. coli) (RUVBL2, synonyms: ECP51, TIP48, CGI-46, TIP49B) is the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that RUVBL2 has both ATPase and DNA helicase activities.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tao Yan	31572066	Cancer Cell Int	IHC
Franklin C Harwood	30258985	Sci Adv	WB
Jonathan Bizarro	25404746	J Cell Biol	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

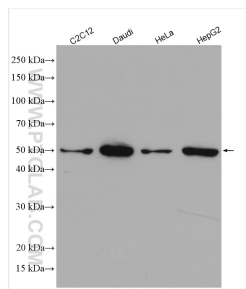
For technical support and original validation data for this product please contact:

T: 4006900926

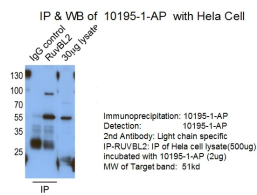
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

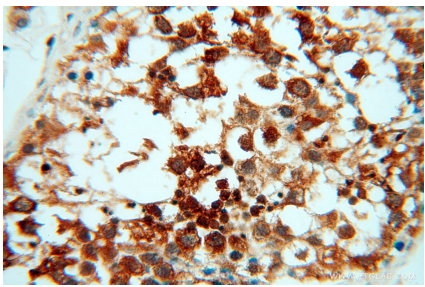
## Selected Validation Data



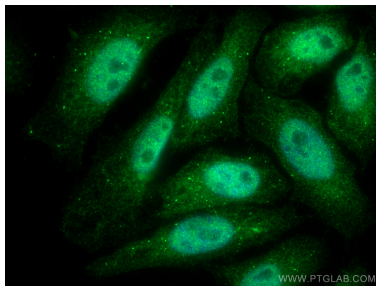
Various lysates were subjected to SDS PAGE followed by western blot with 10195-1-AP (RUVBL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-RUVBL2 (10195-1-AP for IP and Detection).



Immunohistochemical analysis of paraffin-embedded human testis using 10195-1-AP (RUVBL2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RUVBL2 antibody (10195-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).