

For Research Use Only

# DUT Polyclonal antibody

Catalog Number: 13740-1-AP

3 Publications



## Basic Information

### Catalog Number:

13740-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4677

### GenBank Accession Number:

BC033645

### GeneID (NCBI):

1854

### UNIPROT ID:

P33316

### Full Name:

deoxyuridine triphosphatase

### Calculated MW:

252 aa, 27 kDa

### Observed MW:

23 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, ColP

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

**WB** : HeLa cells, human liver tissue, human kidney tissue, HEK-293 cells, Ramos cells, A549 cells, HepG2 cells

**IP** : HEK-293 cells,

**IHC** : human heart tissue,

**IF/ICC** : HeLa cells,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Debin Ji	29578692	Bioconjug Chem	WB
Yi-Ping Wang	33770508	Cell Metab	WB, ColP
Ying Yu Liang	34265272	Cell Chem 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

\*\*\* 20ul sizes contain 0.1% BSA

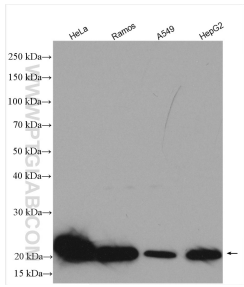
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

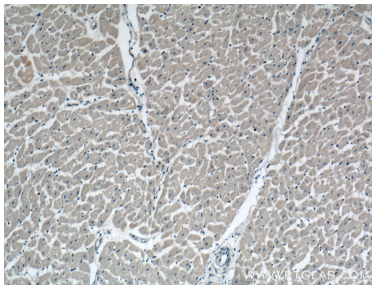
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

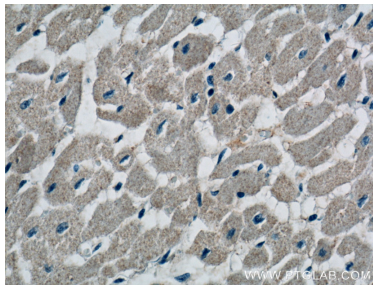
Selected Validation Data



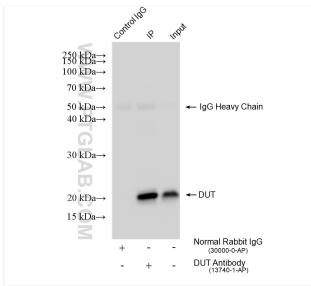
Various lysates were subjected to SDS PAGE followed by western blot with 13740-1-AP (DUT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



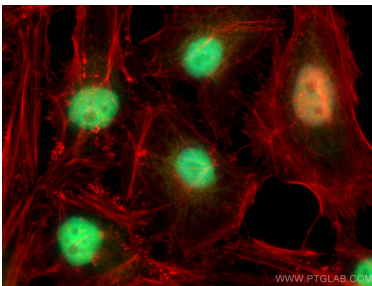
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 13740-1-AP (DUT Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 13740-1-AP (DUT Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-DUT (IP:13740-1-AP, 4ug; Detection:13740-1-AP 1:800) with HEK-293 cells lysate 1440 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DUT antibody (13740-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).