

For Research Use Only

# DUT Polyclonal antibody

Catalog Number: 13740-1-AP

3 Publications



## Basic Information

Catalog Number:

13740-1-AP

Size:

800 ug/ml

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

**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** : 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,

## Background Information

### 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

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

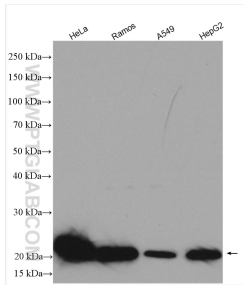
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

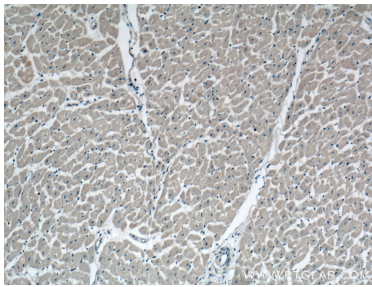
W: [ptgcn.com](http://ptgcn.com)

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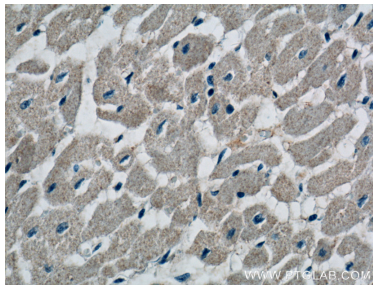
Selected Validation Data



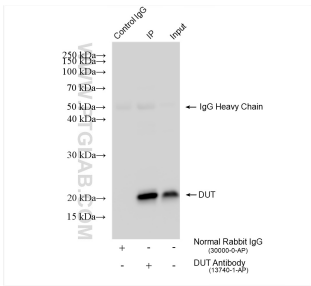
Various lysates were subjected to SDS PAGE followed by western blot with 13740-1-AP (DUT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



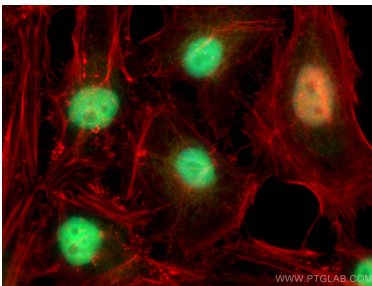
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 13740-1-AP (DUT Antibody) at dilution of 1:200 (under 10x lens).



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).