

For Research Use Only

DUT Polyclonal antibody

Catalog Number: 13740-1-AP **3 Publications**



Basic Information

Catalog Number: 13740-1-AP	GenBank Accession Number: BC033645	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1854	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: deoxyuridine triphosphatase	IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 252 aa, 27 kDa	
Immunogen Catalog Number: AG4677	Observed MW: 23 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, WB	WB : HeLa cells, human liver tissue, human kidney tissue, HEK-293 cells, Ramos cells, A549 cells, HepG2 cells
Species Specificity: human	IP : HEK-293 cells,
Cited Species: human	IHC : human heart tissue,
	IF : HEK-293 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

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

Storage

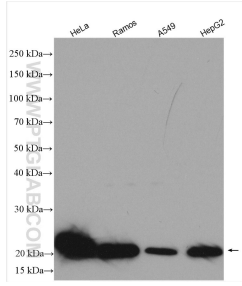
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

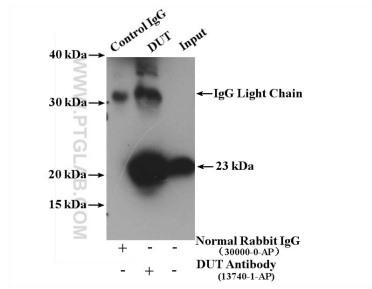
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

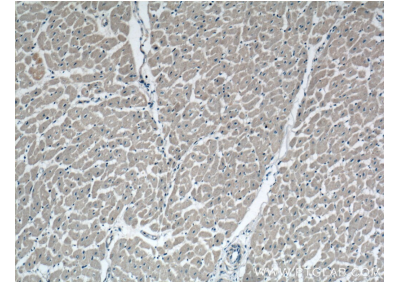
Selected Validation Data



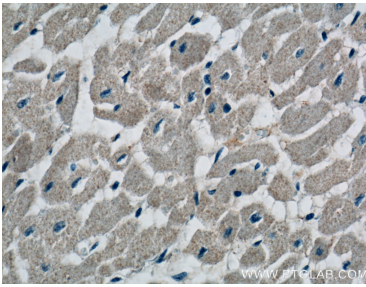
Various lysates were subjected to SDS PAGE followed by western blot with 13740-1-AP (DUT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



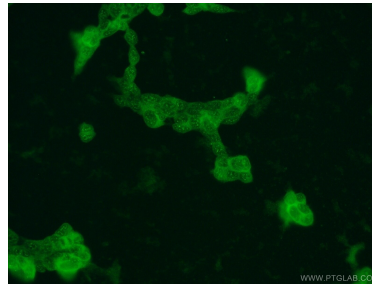
HEK-293 cells were subjected to SDS PAGE followed by western blot with 13740-1-AP (DUT antibody) at dilution of 1:700 incubated at 4 degree celsius over night.



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).



Immunofluorescent analysis of HEK-293 cells using 13740-1-AP (DUT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).