

For Research Use Only

UROS Polyclonal antibody

Catalog Number: 14913-1-AP



Basic Information

Catalog Number:

14913-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6711

GenBank Accession Number:

BC002573

GeneID (NCBI):

7390

UNIPROT ID:

P10746

Full Name:

uroporphyrinogen III synthase

Calculated MW:

29 kDa

Observed MW:

29 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 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

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, K-562 cells

IP : K-562 cells,

IHC : human cervical cancer tissue,

IF/ICC : MCF-7 cells,

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

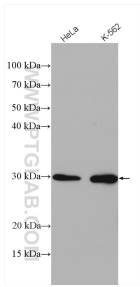
For technical support and original validation data for this product please contact:

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

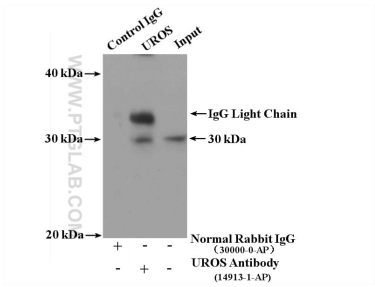
E: proteintech@ptglab.com
W: ptglab.com

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

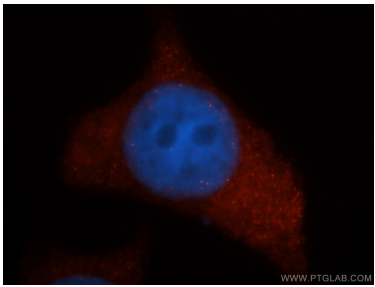
Selected Validation Data



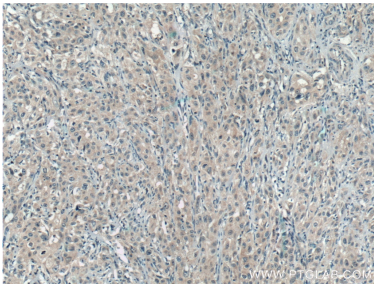
Various lysates were subjected to SDS PAGE followed by western blot with 14913-1-AP (UROS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



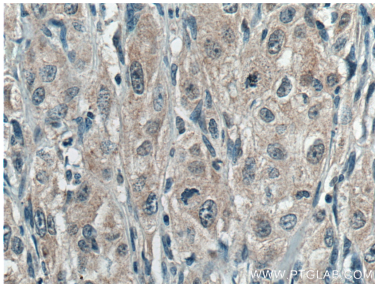
IP result of anti-UROS (IP:14913-1-AP, 4ug; Detection:14913-1-AP 1:500) with K-562 cells lysate 4000ug.



Immunofluorescent analysis of MCF-7 cells, using UROS antibody 14913-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14913-1-AP (UROS antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14913-1-AP (UROS antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).