

For Research Use Only

CTSO Polyclonal antibody

Catalog Number: 14296-1-AP



Basic Information

Catalog Number:

14296-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5651

GenBank Accession Number:

BC049206

GeneID (NCBI):

1519

UNIPROT ID:

P43234

Full Name:

cathepsin O

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:

IP, IHC, 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:

IP : HEK-293 cells,

IHC : human ovary tumor tissue,

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

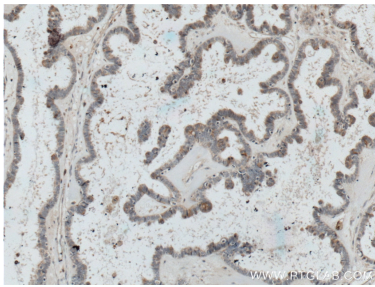
For technical support and original validation data for this product please contact:

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

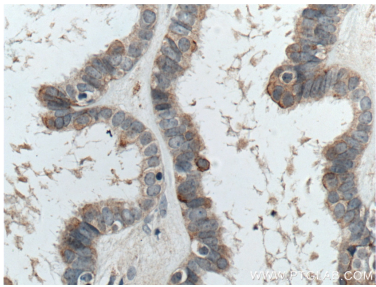
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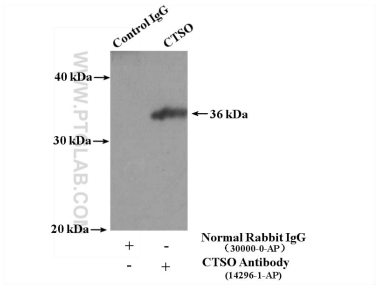
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 14296-1-AP (CTSO antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 14296-1-AP (CTSO antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



IP result of anti-CTSO (IP:14296-1-AP, 4ug; Detection:14296-1-AP 1:300) with HEK-293 cells lysate 3600ug.