

For Research Use Only

ELP2 Polyclonal antibody

Catalog Number: 13793-1-AP



Basic Information

Catalog Number:

13793-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4581

GenBank Accession Number:

BC032553

GeneID (NCBI):

55250

UNIPROT ID:

Q6IA86

Full Name:

elongation protein 2 homolog (S. cerevisiae)

Calculated MW:

826 aa, 93 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:250-1:1000

Applications

Tested Applications:

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:

IHC : human stomach cancer tissue, mouse liver tissue, human colon cancer tissue, mouse kidney tissue, rat kidney tissue, rat liver tissue

Background Information

ELP2 is a component of the elongator complex which is required for multiple tRNA modifications. The elongator complex catalyzes the formation of carboxymethyluridine in the wobble base at position 34 in tRNAs.

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:

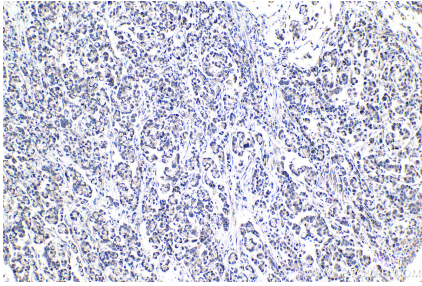
T: 4006900926

E: Proteintech-CN@ptglab.com

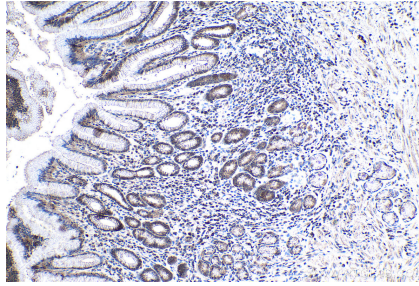
W: ptgcn.com

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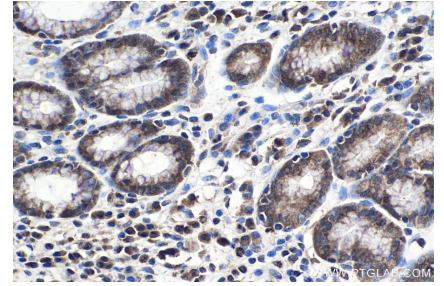
Selected Validation Data



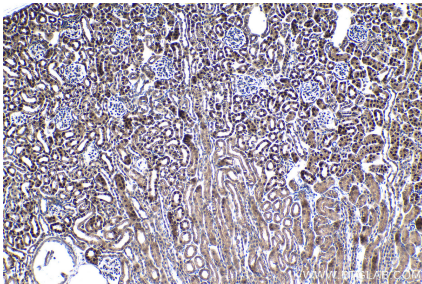
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



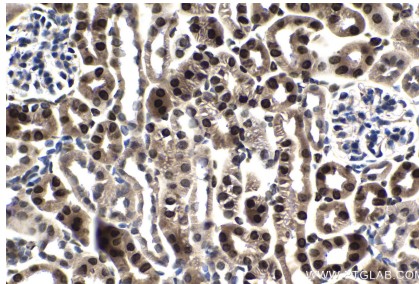
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



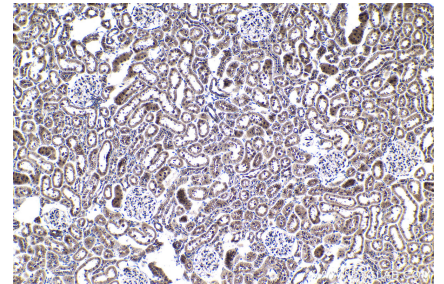
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



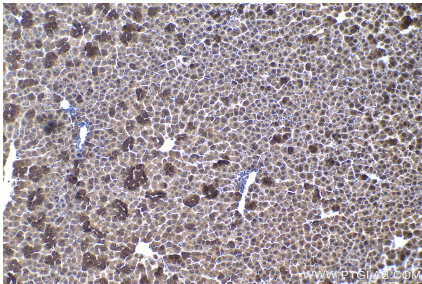
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).