

For Research Use Only

ELP2 Polyclonal antibody

Catalog Number: 13793-1-AP



Basic Information

Catalog Number: 13793-1-AP	GenBank Accession Number: BC032553	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55250	Recommended Dilutions: IHC 1:250-1:1000
Source: Rabbit	Full Name: elongation protein 2 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 826 aa, 93 kDa	
Immunogen Catalog Number: AG4581		

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

*** 20ul sizes contain 0.1% BSA

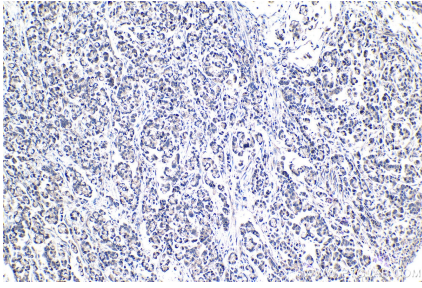
For technical support and original validation data for this product please contact:

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

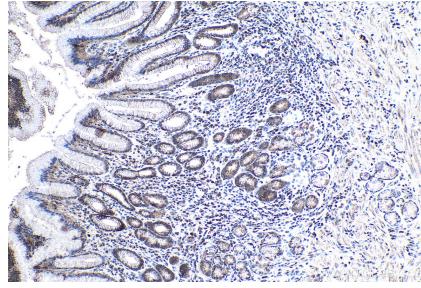
E: proteintech@ptglab.com
W: ptglab.com

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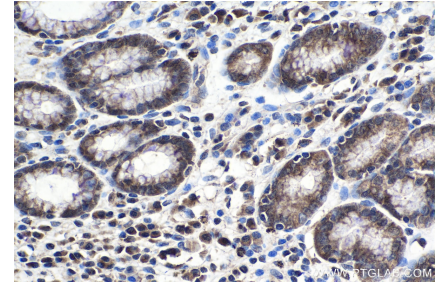
Selected Validation Data



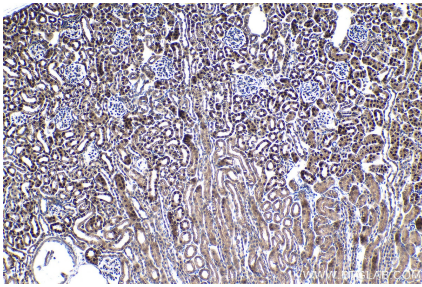
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



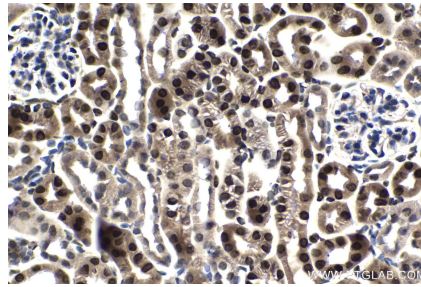
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



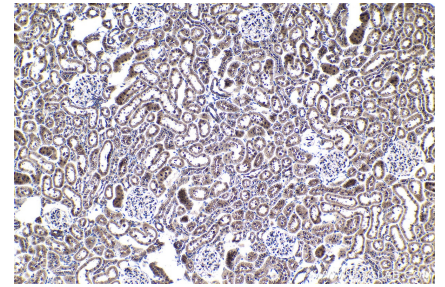
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



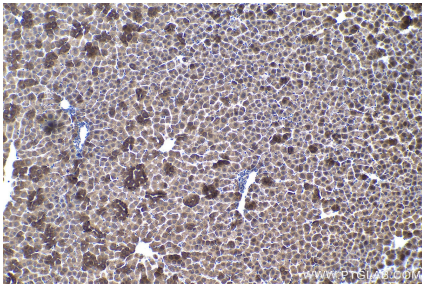
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13793-1-AP (ELP2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).