

PUF60 Polyclonal antibody

Catalog Number: 10810-1-AP

Featured Product

2 Publications

Basic Information

Catalog Number:

10810-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1053

GenBank Accession Number:

BC008875

GeneID (NCBI):

22827

UNIPROT ID:

Q9UHX1

Full Name:

poly-U binding splicing factor 60kDa

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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, HepG2 cells, mouse testis tissue, rat testis tissue

IHC: human colon cancer tissue, human breast cancer tissue

Background Information

Poly-U-binding factor 60 (PUF60) is a splicing factor homologous to and complementary in function to U2AF, which involves in pre-mRNA splicing, a stepwise process initiated by binding. Also PUF60 involves in other nuclear processes such as apoptosis and transcription regulation. It can interact with and repress FUBP1-induced transcriptional activation via the core-TFIIH basal transcription factor. However, it has no repression activity in xeroderma pigmentosum complementation group B (XPB) cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Lirong Xu	35417690	Cell Rep	WB
Atanassov Boyko S BS	21779003	EMBO Rep	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

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

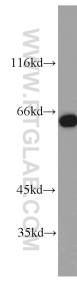
T: 4006900926

E: Proteintech-CN@ptglab.com

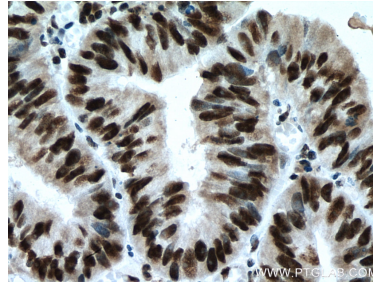
W: ptgcn.com

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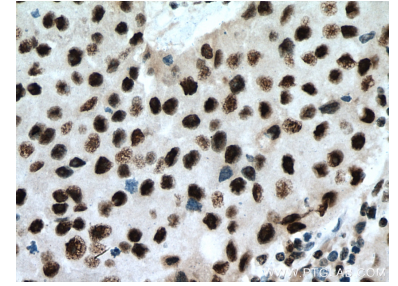
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10810-1-AP (PUF60 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10810-1-AP (PUF60 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10810-1-AP (PUF60 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).