

For Research Use Only

# PUF60 Polyclonal antibody

Catalog Number: 10810-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 10810-1-AP	<b>GenBank Accession Number:</b> BC008875	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 22827	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> poly-U binding splicing factor 60kDa	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
<b>Immunogen Catalog Number:</b> AG1053	<b>Observed MW:</b> 60 kDa	

## 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
Atanasov 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

\*\*\* 20ul sizes contain 0.1% BSA

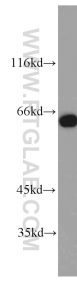
For technical support and original validation data for this product please contact:

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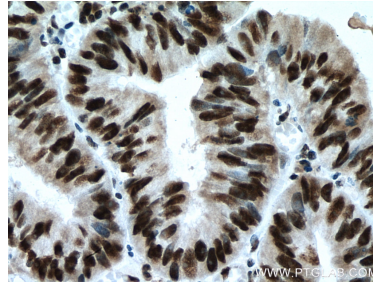
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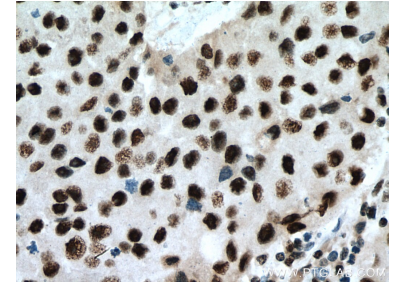
## Selected Validation Data



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).