For Research Use Only

PUF60 Polyclonal antibody

Catalog Number:10810-1-AP Featured Product 2 Publications

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Basic Information

Catalog Number:
10810-1-AP

Size:
150ul , Concentration: 900 ug/ml by Nanodrop and 600 ug/ml by Bradford method using BSA as the standard;

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:
WB, IHC, 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

*** 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
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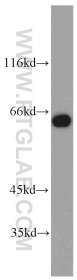
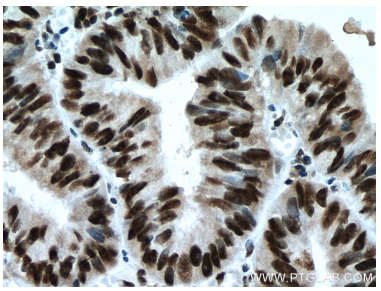
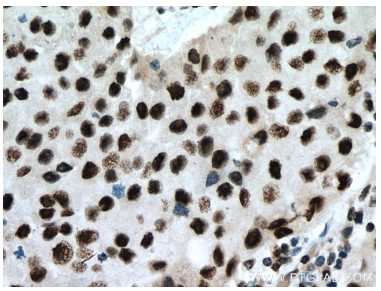
Selected Validation Data



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).