

For Research Use Only

# TEX10 Polyclonal antibody

Catalog Number: 17372-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

17372-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11014

### GenBank Accession Number:

BC030652

### GeneID (NCBI):

54881

### UNIPROT ID:

Q9NXF1

### Full Name:

testis expressed 10

### Calculated MW:

929 aa, 106 kDa

### Observed MW:

95-100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB: HeLa cells,

IHC: human brain tissue,

IF/ICC: HeLa cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

TEX10 is a component of some MLL1/MLL complex, at least composed of the core components MLL, ASH2L, HCFC1/HCF1, WDR5 and RBBP5. PELP1-TEX10-WDR18 complex is a regulator of ribosome biogenesis and suggests that its SUMO-controlled distribution coordinates the rate of ribosome formation. And this complex is required for the maturation and nucleolar release of the large ribosomal subunit. (PMID:21326211)

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaocong Xiang	31638260	Oncol Rep	WB,IHC
Xiaocong Xiang	30045663	Cell Cycle	WB,IHC,IF
Jian Zhou	35219000	Biochem Biophys Res Commun	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

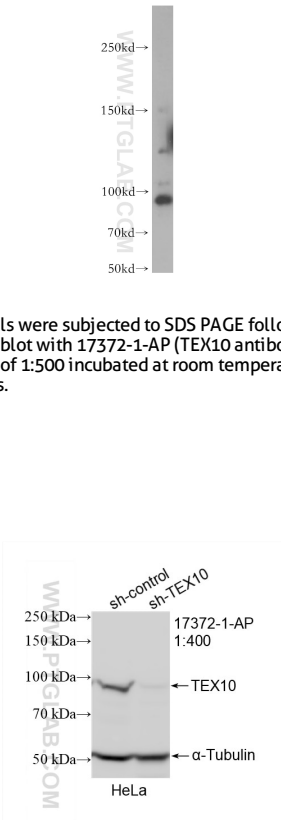
For technical support and original validation data for this product please contact:

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

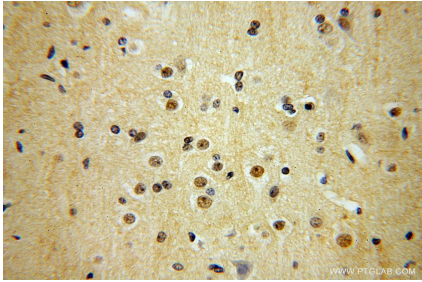
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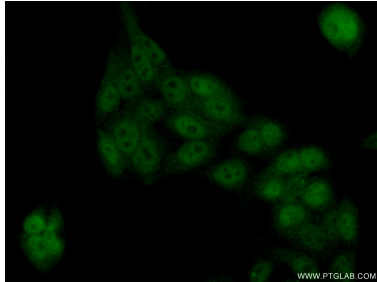
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17372-1-AP (TEX10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17372-1-AP (TEX10 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17372-1-AP (TEX10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).

WB result of TEX10 antibody (17372-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-TEX10 transfected HeLa cells.