

For Research Use Only

# UTY Polyclonal antibody, PBS Only

Catalog Number: 31546-1-PBS



## Basic Information

### Catalog Number:

31546-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG35806

### GenBank Accession Number:

NM\_007125.4

### GeneID (NCBI):

7404

### UNIPROT ID:

O14607

### Full Name:

ubiquitously transcribed tetratricopeptide repeat gene, Y-linked

### Calculated MW:

150kDa 1347aa

### Observed MW:

130-160kDa

### Purification Method:

Antigen affinity Purification

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human

## Background Information

UTY (Ubiquitously Transcribed Tetratricopeptide Repeat Containing, Y-Linked) is a protein-coding gene located on the Y chromosome. It is the Y-linked homolog of the X-linked gene KDM6A, which encodes a histone demethylase. UTY is involved in the regulation of gene expression and chromatin structure, similar to its X-linked counterpart KDM6A (PMID: 31097364). UTY is expressed in various tissues and is predicted to be involved in transcription, translation, and nucleic acid binding, which are central to the regulation of gene expression during development, immune function, cell proliferation, and differentiation.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

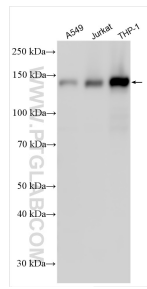
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31546-1-AP (UTY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31546-1-PBS in a different storage buffer formulation.