

For Research Use Only

UTY Polyclonal antibody

Catalog Number: 31546-1-AP



Basic Information

Catalog Number:

31546-1-AP

Size:

150ul , Concentration: 750 ug/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

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, Jurkat cells, THP-1 cells

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 -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

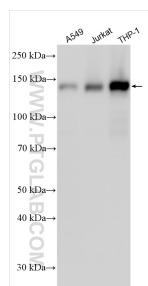
For technical support and original validation data for this product please contact:

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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.