

For Research Use Only

UTY Recombinant antibody

Catalog Number: 84332-5-RR



Basic Information

Catalog Number: 84332-5-RR	GenBank Accession Number: NM_007125.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7404	CloneNo.: 241626F7
Source: Rabbit	UNIPROT ID: O14607	Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: ubiquitously transcribed tetratricopeptide repeat gene, Y-linked	
Immunogen Catalog Number: AG35806	Calculated MW: 150kDa 1347aa	
	Observed MW: 130-160kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : THP-1 cells, IF/ICC : MDA-MB-231 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

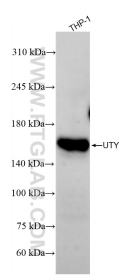
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

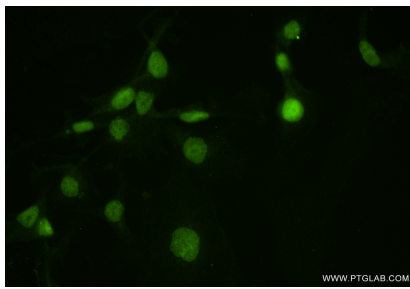
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

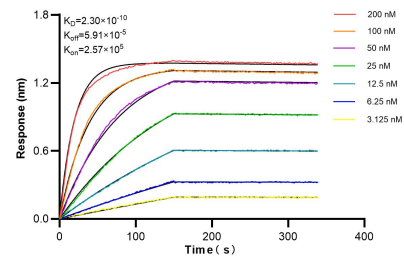
Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 84332-5-RR (UTY antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MDA-MB-231 cells using UTY antibody (84332-5-RR, Clone: 241626F7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84332-5-RR against Human UTY were performed. The affinity constant is 0.23 nM.