

For Research Use Only

UTY Recombinant antibody, PBS Only

Catalog Number: 84332-5-PBS



Basic Information

Catalog Number: 84332-5-PBS	GenBank Accession Number: NM_007125.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7404	CloneNo.: 241626F7
Source: Rabbit	UNIPROT ID: O14607	
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, 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

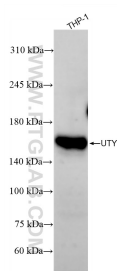
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

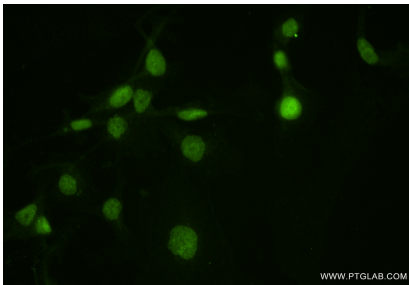
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

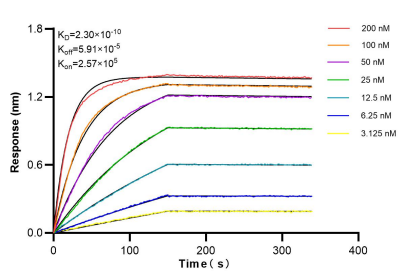
Selected Validation Data



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. This data was developed using the same antibody clone with 84332-5-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84332-5-PBS in a different storage buffer formulation.



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