

For Research Use Only

UTY Recombinant antibody, PBS Only

Catalog Number: 84332-5-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84332-5-PBS	NM_007125.4	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	7404	241626F7
Source:	UNIPROT ID:	
Rabbit	O14607	
Isotype:	Full Name:	
IgG	ubiquitously transcribed	
Immunogen Catalog Number:	tetratricopeptide repeat gene, Y-linked	
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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

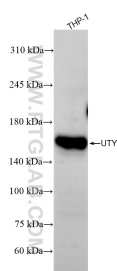
T: 4006900926

E: Proteintech-CN@ptglab.com

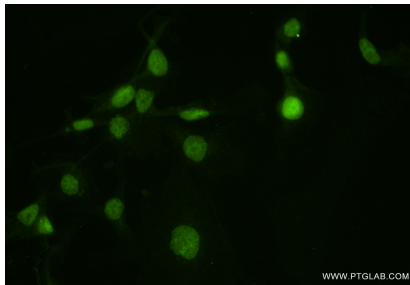
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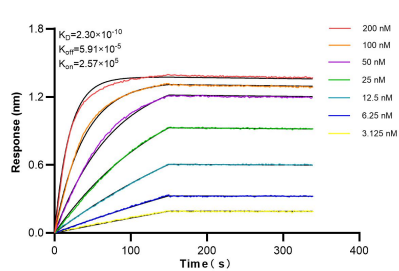
Selected Validation Data



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.