

For Research Use Only

# MYST2 Recombinant antibody, PBS Only

Catalog Number: 86486-1-PBS



## Basic Information

Catalog Number:	86486-1-PBS	GenBank Accession Number:	BC032640	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	11143	CloneNo.:	251386C9
Source:	Rabbit	UNIPROT ID:	O95251		
Isotype:	IgG	Full Name:	MYST histone acetyltransferase 2		
Immunogen Catalog Number:	AG4693	Calculated MW:	611 aa, 71 kDa		
		Observed MW:	71-75 kDa		

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, mouse

## Background Information

MYST2, also named as HBO1, HBOa MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2, belongs to the MYST (SAS/MOZ) family. It specifically represses AR mediated transcription. MYST2 is a candidate oncogene. It enhances the anchorage-independent growth of breast cancer cells.(PMID:19372580) MYST2 is a histone acetyltransferase (HAT) which could exert oncogenic function in breast cancer. It is an important downstream molecule of ERα, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

## 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, pH7.3

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

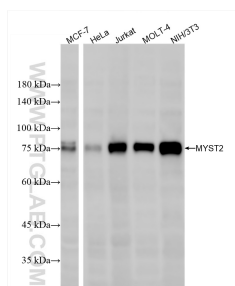
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

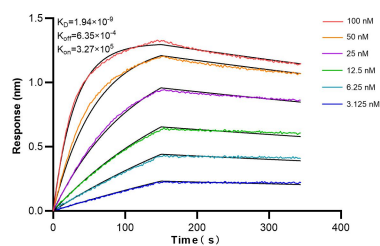
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86486-1-RR (MYST2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86486-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86486-1-RR against Human MYST2 were performed. The affinity constant is 1.94 nM.