

For Research Use Only

# MYST2 Recombinant antibody

Catalog Number: 86486-1-RR



## Basic Information

Catalog Number:

86486-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4693

GenBank Accession Number:

BC032640

GeneID (NCBI):

11143

UNIPROT ID:

O95251

Full Name:

MYST histone acetyltransferase 2

Calculated MW:

611 aa, 71 kDa

Observed MW:

71-75 kDa

Purification Method:

Protein A purification

CloneNo.:

251386C9

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : MCF-7 cells, HeLa cells, Jurkat cells, MOLT-4 cells, NIH/3T3 cells

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

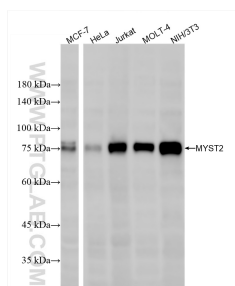
T: 4006900926

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

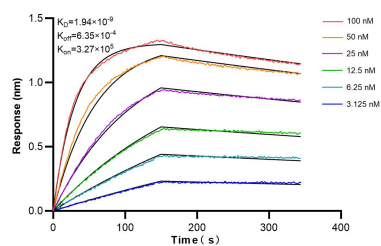
W: [ptgcn.com](http://ptgcn.com)

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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.



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