

Datasheet for ABIN2464086
anti-MYST1 antibody (truncated)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	MYST1 (KAT8)
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYST1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant MYST1-trx expressed in E. Coli strain BL21 (DE3).
Clone:	8C4C4
Isotype:	IgG2b

Target Details

Target:	MYST1 (KAT8)
Alternative Name:	MYST1 (KAT8 Products)
Background:	MYST1 (MYST histone acetyltransferase 1,MOF) belongs to the MYST family of histone acetyltransferases, which are employed in the cell to bring about transcriptional regulation. The MYST family includes MYST1, is named for the founding members MOZ, yeast YBF2 and SAS2, and TIP60. All members of this family contain a MYST region of about 240 amino acids with a

Target Details

canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain involved in protein- protein interactions and targeting transcriptional regulators to chromatin. Although MOF is expressed in both males and females, it associates with the X chromosome only in males. MOF contains a zinc-finger domain that is used to contact the globular part of the nucleosome and histone H4. The carboxy terminal domain of human MOF also has histone acetyltransferase activity directed against histones H3 and H2A, a characteristic shared with other MYST family histone.

Gene ID: 84148

UniProt: [Q9H7Z6](#)

Application Details

Application Notes: Western Blot:1:500 - 1:2,000
ELISA:Propose dilution 1:10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

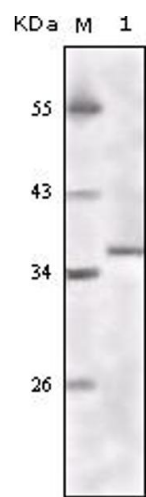
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

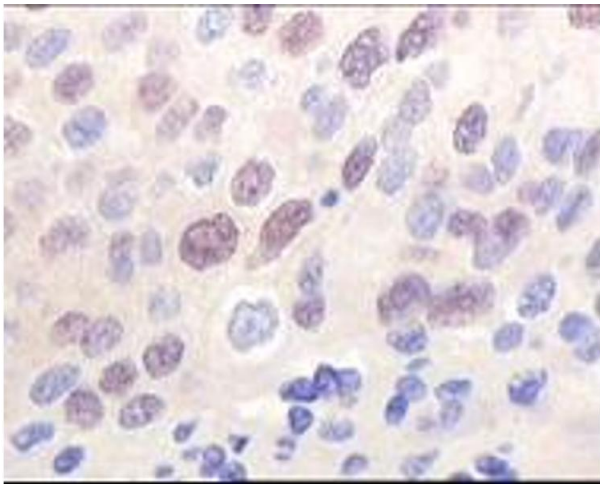
Storage: -20 °C

Storage Comment: MYST1 monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.