

Datasheet for ABIN7155282  
**anti-MYST1 antibody (AA 1-168)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	MYST1 (KAT8)
Binding Specificity:	AA 1-168
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYST1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant Human Histone acetyltransferase KAT8 protein (1-168AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	MYST1 (KAT8)
Alternative Name:	KAT8 ( <a href="#">KAT8 Products</a> )
Background:	Background: Histone acetyltransferase which may be involved in transcriptional activation. May influence the function of ATM. As part of the MSL complex it is involved in acetylation of

## Target Details

nucleosomal histone H4 producing specifically H4K16ac. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. That activity is less specific than the one of the MSL complex. Can also acetylate TP53/p53 at '\\Lys-120\\'. Aliases: Histone acetyltransferase KAT8 antibody, Histone acetyltransferase MYST1 antibody, hMOF antibody, K(lysine) acetyltransferase 8 antibody, KAT 8 antibody, Lysine acetyltransferase 8 antibody, MOF antibody, MOZ antibody, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1 antibody, MYST 1 antibody, MYST histone acetyltransferase 1 antibody, myst protein 1 antibody, MYST-1 antibody, MYST1 antibody, MYST1\_HUMAN antibody, Ortholog of Drosophila males absent on the first (MOF) antibody, Probable histone acetyltransferase MYST1 antibody, SAS2 and TIP60 protein 1 antibody, SAS2 antibody, SAS3 antibody, TIP60 protein 1 antibody, YBF2 antibody, YBF2/SAS3 antibody, ZC2HC8 antibody

UniProt: [Q9H7Z6](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

Format: Liquid

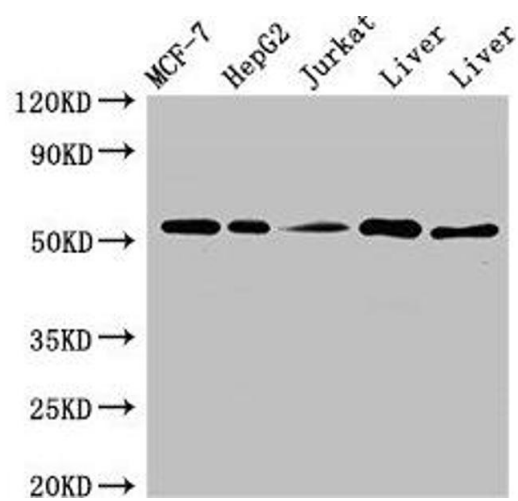
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western Blot Positive WB detected in: MCF-7 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, Mouse liver tissue, Rat liver tissue All lanes: KAT8 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 53, 54 kDa Observed band size: 53 kDa