

Datasheet for ABIN543311  
**anti-MYST1 antibody (AA 417-446)**[Go to Product page](#)

2 Images

3 Publications

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL   |
| Target:              | MYST1 (KAT8)   |
| Binding Specificity: | AA 417-446   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MYST1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Rabbit polyclonal antibody raised against synthetic peptide of MYST1.  |
| Immunogen:        | A synthetic peptide (conjugated with KLH) corresponding to amino acids 417-446 at C-terminus of human MYST1. |
| Cross-Reactivity: | Human  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | MYST1 (KAT8)                            |
| Alternative Name: | MYST1 ( <a href="#">KAT8 Products</a> ) |
| Gene ID:          | 84148                                   |

## Application Details

Application Notes: Western Blot (1:1000)  
Immunohistochemistry (1:10-50)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In PBS (0.09 % 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.

Storage: 4 °C, -20 °C

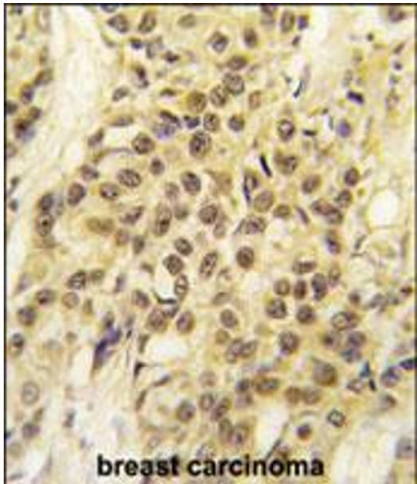
Storage Comment: Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in: Pfister, Rea, Taipale, Mendrzyk, Straub, Ittrich, Thuerigen, Sinn, Akhtar, Lichter: "The histone acetyltransferase hMOF is frequently downregulated in primary breast carcinoma and medulloblastoma and constitutes a biomarker for clinical outcome in medulloblastoma." in: **International journal of cancer. Journal international du cancer**, Vol. 122, Issue 6, pp. 1207-13, (2008) ([PubMed](#)).

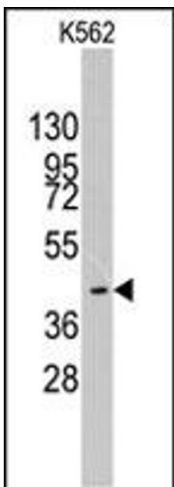
Rea, Xouri, Akhtar: "Males absent on the first (MOF): from flies to humans." in: **Oncogene**, Vol. 26, Issue 37, pp. 5385-94, (2007) ([PubMed](#)).

Gupta, Guerin-Peyrou, Sharma, Park, Agarwal, Ganju, Pandita, Choi, Sukumar, Pandita, Ludwig, Pandita: "The mammalian ortholog of Drosophila MOF that acetylates histone H4 lysine 16 is essential for embryogenesis and oncogenesis." in: **Molecular and cellular biology**, Vol. 28, Issue 1, pp. 397-409, (2007) ([PubMed](#)).



Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MYST1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Western blot analysis of MYST1 polyclonal antibody in K-562 cell line lysates (35 ug/lane). MYST1 (arrow) was detected using the purified polyclonal antibody.