

Datasheet for ABIN387971
anti-MYST1 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	MYST1 (KAT8)
Binding Specificity:	AA 409-439, C-Term
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

Immunogen:	This HMOF/MYST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-439 amino acids from the C-terminal region of human HMOF/MYST1.
Clone:	RB14381
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MYST1 (KAT8)
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Target Details

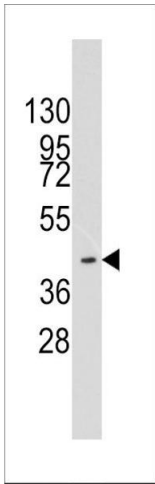
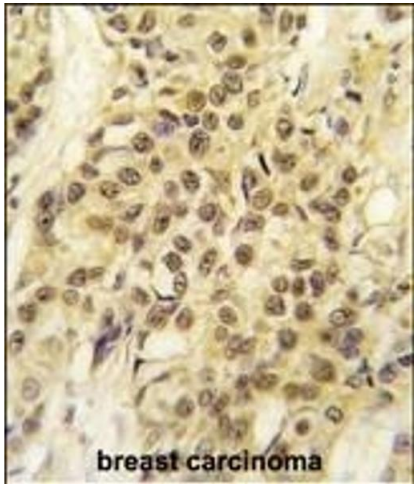
Alternative Name:	HMOF/MYST1 (KAT8 Products)
Background:	The MYST family of histone acetyltransferases, which includes MYST1, is named for the founding members MOZ (MYST3, MIM 601408), yeast YBF2 and SAS2, and TIP60 (HTATIP, MIM 601409). All members of this family contain a MYST region of about 240 amino acids with a 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 (Neal et al., 2000 [PubMed 10786633]).[supplied by OMIM].
Molecular Weight:	52403
Gene ID:	84148
NCBI Accession:	NP_115564 , NP_892003
UniProt:	Q9H7Z6

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with HMOF/MYST1 antibody (C-term) (ABIN387971 and ABIN2844732) , 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 anti-HMOF/MYST1(C-term) Pab (ABIN387971 and ABIN2844732) in K562 cell line lysates (35 µg/lane). HMOF/MYST1(arrow) was detected using the purified Pab.