



Datasheet for ABIN2777626
anti-MYST2 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MYST2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYST2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYST2
Sequence:	MPRRKRNAGS SSDGTEDSDF STDLEHTDSS ESDGTSRRSA RVTRSSARLS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MYST2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MYST2
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Target Details

Alternative Name: MYST2 ([MYST2 Products](#))

Background: MYST2 belongs to the MYST family, which is characterized by a highly conserved C2HC zinc finger and a putative histone acetyltransferase domain. MYST2 specifically represses AR-mediated transcription. MYST2 is a new AR-interacting protein capable of modulating AR activity. It could play a significant role in regulating AR-dependent genes in normal and prostate cancer cells. The biochemical and genetic interactions of MYST family protein MYST2 with two components of the replication apparatus, MCM2 and ORC1, suggest that MYST2-associated HAT activity may play a direct role in the process of DNA replication. MYST2 is a positive regulatory factor for prereplicative complex assembly.

Alias Symbols: HBO1, HBOA, KAT7, MYST2

Protein Interaction Partner: UBC, RNF2, EZH2, VIM, CDK11B, APP, HAP1, BARD1, LRIF1, ING4, JADE1, CSNK1E, DYNC1I1, CDT1, tat, HIST1H4A, HIST1H3A, HIST2H2AC, GMNN, ORC2, MCM2, CDC6, JUN, KIAA1377, CEP70, CBX8, CAAP1, KCTD13, PPID, WDR33, NINL, ZBTB8B, HOOK2, KATNBL1, POLB, CALCOCO2, AT

Protein Size: 611

Molecular Weight: 71 kDa

Gene ID: 11143

NCBI Accession: [NM_007067](#), [NP_008998](#)

UniProt: [O95251](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 611 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

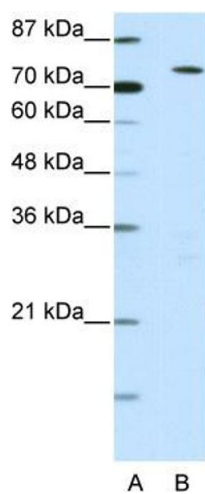
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

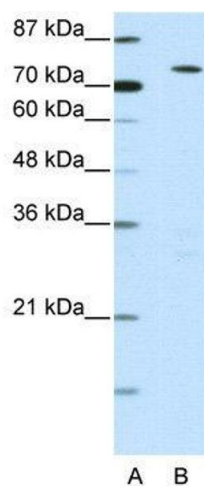
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MYST2 Antibody Titration: 0.2-1 ug/ml Positive Control: 293T cell lysate KAT7 is supported by BioGPS gene expression data to be expressed in HEK293T



Western Blotting

Image 2. WB Suggested Anti-MYST2 Antibody Titration: 0.2-1 µg/mL Positive Control: 93T cell lysate KAT7 is supported by BioGPS gene expression data to be expressed in HEK293T