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Datasheet for ABIN7155278
anti-MYST2 antibody (AA 1-214)

2 Images

Overview

Quantity:	100 µg
Target:	MYST2
Binding Specificity:	AA 1-214
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Histone acetyltransferase KAT7 protein (1-214AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	MYST2
Alternative Name:	KAT7 (MYST2 Products)
Background:	Background: Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk

Target Details

of histone H4 acetylation in vivo. Involved in H3K14 (histone H3 lysine 14) acetylation and cell proliferation (By similarity). Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Acts as a coactivator of the licensing factor CDT1 (PubMed:18832067). Specifically represses AR-mediated transcription.

Aliases: Hbo 1 antibody, HBO1 antibody, HBOa antibody, Histone acetyltransferase binding to hORC1 antibody, Histone acetyltransferase binding to ORC1 antibody, Histone acetyltransferase KAT7 antibody, Histone acetyltransferase MYST2 antibody, K(lysine) acetyltransferase 7 antibody, KAT 7 antibody, KAT7 antibody, Lysine acetyltransferase 7 antibody, MOZ antibody, MOZ YBF2/SAS3 SAS2 and TIP60 protein antibody, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2 antibody, MYST 2 antibody, MYST histone acetyltransferase 2 antibody, MYST protein 2 antibody, MYST-2 antibody, MYST2 antibody, MYST2_HUMAN antibody, SAS 2 antibody, SAS2 and TIP60 protein 2 antibody, TIP60 protein 2 antibody, YBF2/SAS3 antibody, ZC2HC7 antibody

UniProt: [O95251](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

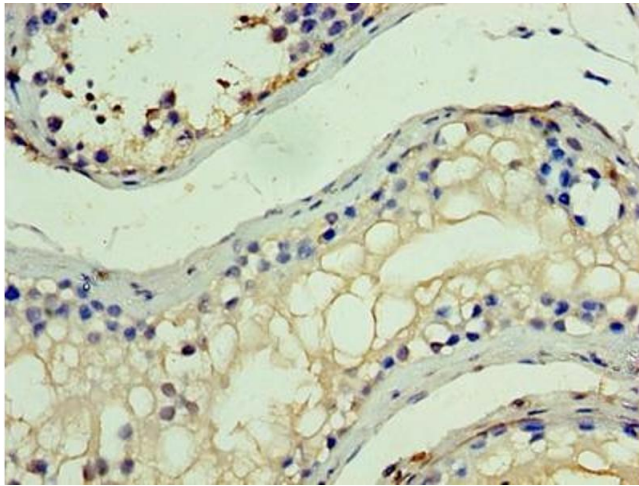
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

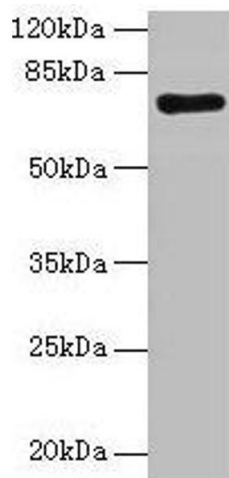
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7155278 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: KAT7 antibody at 2 µg/mL + Rat brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 71, 59, 52, 67, 56 kDa
Observed band size: 71 kDa