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Datasheet for ABIN6257254

anti-MYST2 antibody (Internal Region)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	MYST2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human MYST2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	MYST2 Antibody detects endogenous levels of total MYST2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	MYST2
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Target Details

Alternative Name: [KAT7 \(MYST2 Products\)](#)

Background: Description: 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 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.
Gene: KAT7

Molecular Weight: 75 kDa

Gene ID: 11143

UniProt: [O95251](#)

Application Details

Application Notes: WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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: -20 °C

Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

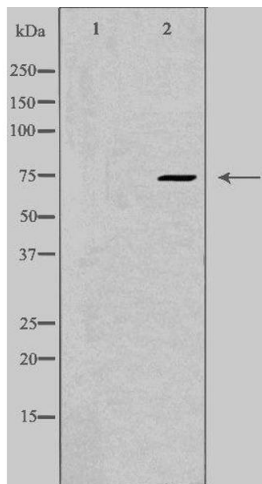
Expiry Date: 12 months

Publications

Product cited in: Yang, Guan, Shaikh, Liang, Sun, Wang, Li, Qiu, Li: "Histone Acetyltransferase Mof Affects the

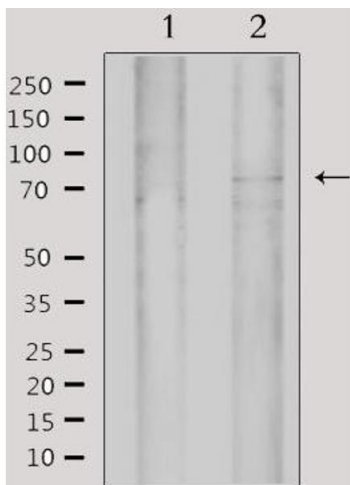
Progression of DSS-Induced Colitis." in: **Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology**, Vol. 47, Issue 5, pp. 2159-2169, (2018) ([PubMed](#)).

Images



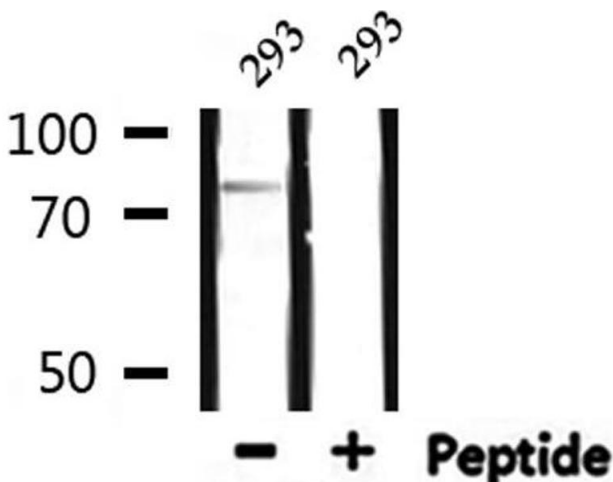
Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using MYST2 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from 293, using MYST2 Antibody. Lane 1 was treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of extracts from 293, using MYST2 Antibody.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6257254.