

Datasheet for ABIN2855265
anti-MYST2 antibody (Internal Region)



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3 Images

Overview

Quantity:	100 µL
Target:	MYST2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYST2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MYST2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chicken, Pig (Porcine), Rat (Rattus), Xenopus laevis, Zebrafish (Danio rerio), Cow (Bovine)
Cross-Reactivity (Details):	Chicken (98 %), Pig (99 %), Rat (100 %), Xenopus laevis (94 %), Zebrafish (84 %), Bovine (99 %)
Characteristics:	Rabbit Polyclonal antibody to MYST2 (MYST histone acetyltransferase 2) MYST2 antibody [N2C1], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

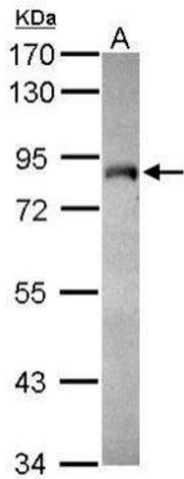
Target:	MYST2
Alternative Name:	MYST2 (MYST2 Products)
Background:	Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription. Cellular Localization: Nucleus , nucleoplasm
Molecular Weight:	71 kDa
Gene ID:	11143

Application Details

Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: NT2D1 , IMR32 , MCF-7 , mouse brain
Restrictions:	For Research Use only

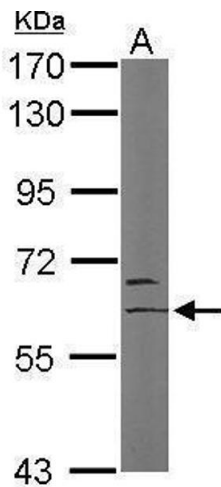
Handling

Format:	Liquid
Concentration:	0.33 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



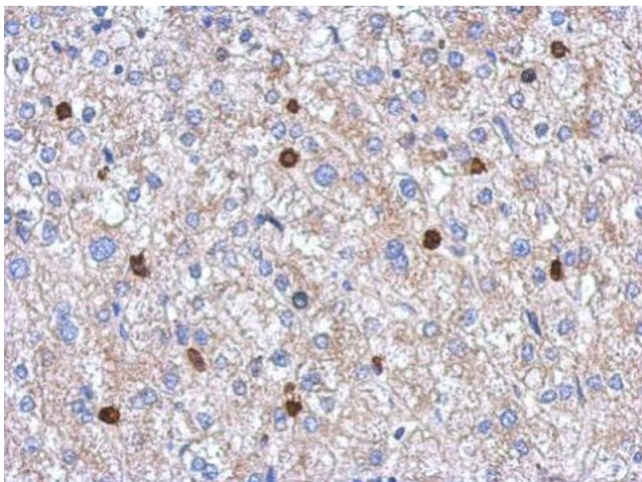
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
MCF-7 7.5% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A:
Mouse brain 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded human hepatoma, using MYST2, antibody at 1:250 dilution.