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MYST1 (vPair™) Antibodies

Cat#: R0123-vp

Lot#: Refer to vial

Predicted M.W.: 48 kDa

Uniprot ID: Q9H7Z6

Application: WB

Quantity: 50 ul MYST1 (N) (R0123-1) Rabbit Polyclonal Antibody &
50 ul MYST1 (C) (R0123-2) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

MYST histone acetyltransferase 1 (MYST1) belongs to the MYST family of histone acetyltransferases, where are named for the founding members of MOZ, yeast YBF2 and SAS2, and TIP60. Members of this family contain a conserved sequence known as a MYST region, which contains a canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. MYST1 is thought to be involved in transcriptional activation. It also may influence the function of ATM.

Other Names:

Probable histone acetyltransferase MYST1, MYST-1, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1, hMOF, MOF, PP7073, FLJ14040, KAT8

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [MYST1 (N) (R0123-1)] or the C-terminal region [MYST1 (C) (R0123-2)] of human MYST1. Antibodies were purified by affinity purification using immunogens.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

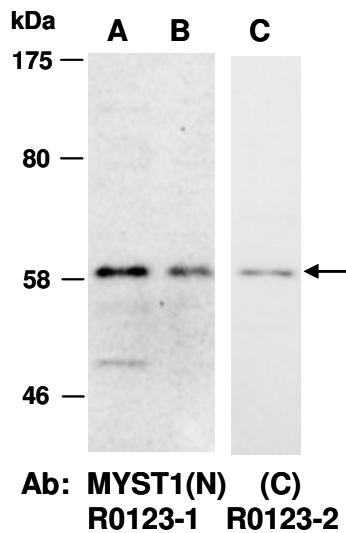


Fig 1. Western blot of total cell extracts from (A) human HepG2, (B&C) human K562, using the indicated Abs at RT for 2 h.