

Product datasheet

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ARG58892 anti-CDY1 + CDY2A antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CDY1 + CDY2A

Tested Reactivity Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CDY1 + CDY2A

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 60-320 of Human CDY1B (NP_001003895.1).

Conjugation Un-conjugated

Alternate Names EC 2.3.1.48; CDY; Testis-specific chromodomain protein Y 1

Application Instructions

Application table	Application	Dilution
	WB	1:200 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	68 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol CDY1B

Gene Full Name chromodomain protein, Y-linked, 1B

Background This gene encodes a protein containing a chromodomain and a histone acetyltransferase catalytic

domain. Chromodomain proteins are components of heterochromatin-like complexes and can act as

gene repressors. This protein is localized to the nucleus of late spermatids where histone

hyperacetylation takes place. Histone hyperacetylation is thought to facilitate the transition in which protamines replace histones as the major DNA-packaging protein. The human chromosome Y has two identical copies of this gene within a palindromic region; this record represents the more centromeric copy. Chromosome Y also contains a pair of closely related genes in another more telomeric

palindrome as well as several related pseudogenes. Two protein isoforms are encoded by transcript variants of this gene. Additional transcript variants have been described, but their full-length nature has

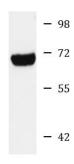
not been determined. [provided by RefSeq, Jul 2008]

Function Has histone acetyltransferase activity, with a preference for histone H4. [UniProt]

Calculated Mw 60 kDa

Cellular Localization Nucleus. [UniProt]

Images



Mouse testis

ARG58892 anti-CDY1 + CDY2A antibody WB image

Western blot: 25 μ g of Mouse testis lysate stained with ARG58892 anti-CDY1 + CDY2A antibody at 1:1000 dilution.