

Datasheet for ABIN7266365 anti-CDY1B antibody (AA 60-320)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CDY1B
Binding Specificity:	AA 60-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDY1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CDY1B Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 60-320 of human CDY1B (NP_001003895.1).
Sequence:	EKQKKLTWTT TSRIFSNNAR RRTSRSTKAN YSKNSPKTPV TDKHHRSKNR KLFAASKNVR RKAASILSDT KNMEIINSTI ETLAPDSPFD HKTVSGFQKL EKLDPIAADQ QDTVVFQVTE GKLLRDPLSR PGAEQTGIQN KTIHPLMSQ MSGSVTASMA TGSATRKIV VLIDPLAANG TTDMHTSVPR VKGGQRNITD DSRDQPFICK MHFTIRLTES ASTYRDIVVK KEDGFTQIVL STRSTKNAL NTEVIKEIVN A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: CDY1B

Alternative Name: CDY1B ([CDY1B Products](#))

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.,CDY1B,CDY,Epigenetics & Nuclear Signaling,CDY1B

Molecular Weight: 60kDa/62kDa

Gene ID: 253175

UniProt: [Q9Y6F8](#)

Application Details

Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

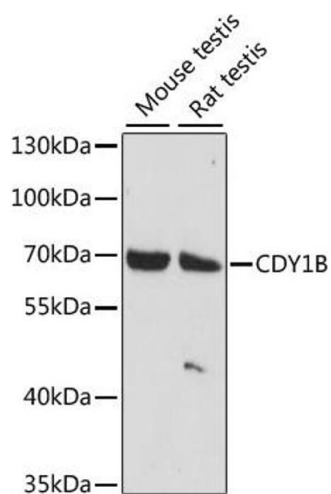
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CDY1B antibody (ABIN7266365) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.