

Product datasheet for **TA346731**

CDY1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CDY1 antibody: synthetic peptide directed towards the C terminal of human CDY1. Synthetic peptide located within the following region: FPRTWWQSAEDVHREKIQLDLEAEFYFTHLIVMFKSPRPAAMVLDQRSQDF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	chromodomain protein, Y-linked, 1
Database Link:	NP_004671 Entrez Gene 9085 Human Q9Y6F8



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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 telomeric 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]

Synonyms:

CDY; CDY1A

Note:

Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Guinea pig: 93%; Dog: 86%; Mouse: 86%; Bovine: 86%; Horse: 85%

Product images:

WB Suggested Anti-CDY1 Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysate