

## Product datasheet for **TA330992**

### CDYL Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CDYL antibody: synthetic peptide directed towards the n terminal of human CDYL. Synthetic peptide located within the following region: YIHDFNRRHTEKQKESTLTRTNRTSPNNARKQISRSTNSNFSKTSPKALV
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:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	chromodomain protein, Y-like
Database Link:	<a href="#">NP_004815</a> <a href="#">Entrez Gene 9425 Human</a> <a href="#">Q9Y232</a>



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**Background:**

CDYL acts as repressor of transcription. CDYL has histone acetyltransferase activity, with a preference for histone H4. Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene.

**Synonyms:**

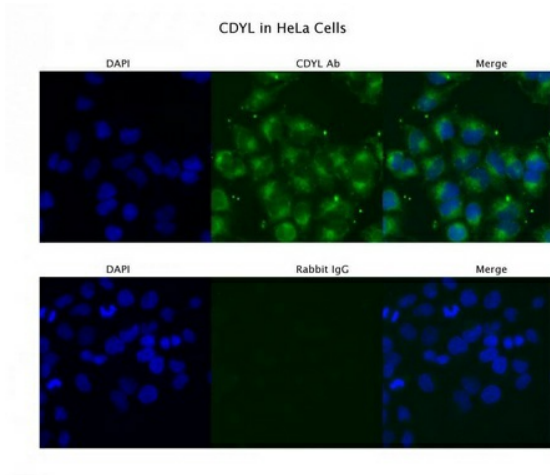
CDYL1

**Note:**

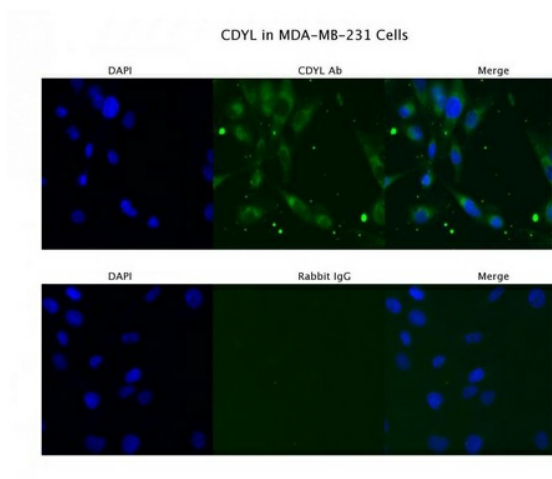
Dog: 100%; Horse: 100%; Human: 100%; Pig: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Rat: 86%; Mouse: 79%

**Product images:**


WB Suggested Anti-CDYL Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Transfected 293T



Sample Type : HeLa; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : CDYL



Sample Type : MD MB231; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : CDYL