

Rabbit CDYL Polyclonal Antibody | anti-CDYL antibody

CDYL antibody - N-terminal region

CATALOG # AAA199975	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

CDYL; Polyclonal Antibody; CDYL antibody - N-terminal region; anti-CDYL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: YI HDFNRRHTEK QKESTLRTN RTSPNNARKQ ISRSTNSNFS KTSPKALV
Sequence Length	544
Applicable Applications for anti-CDYL antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 79%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the n terminal region of human CDYL
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

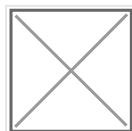
IMAGES



WB (Western Blot)

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


IF (Immunofluorescence)

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


IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CDYL antibody	This is a rabbit polyclonal antibody against CDYL. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-CDYL antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	221307494
NCBI GeneID	9425
NCBI Accession #	NP_004815
NCBI GenBank Nucleotide #	NM_004824
UniProt Accession #	Q9Y232
Molecular Weight	60kDa
NCBI Official Full Name	chromodomain Y-like protein isoform a
NCBI Official Synonym Full Names	chromodomain Y like
NCBI Official Symbol	CDYL
NCBI Official Synonym Symbols	CDYL1
NCBI Protein Information	chromodomain Y-like protein
UniProt Protein Name	Chromodomain Y-like protein
UniProt Gene Name	CDYL
UniProt Synonym Gene Names	CDYL1; CDY-like
UniProt Entry Name	CDYL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdyl-antibody-western-blot-immunofluorescence-elisa/199975>