

CDYL2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01657
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CDYL2. AA range:31-80
Mol wt	56501
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ICC, ELISA
Concentration	1 mg/ml
Full name	CDYL2 Antibody
Synonyms	CDYL2; Chromodomain Y-like protein 2; CDY-like 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CDY, a gene family expressed exclusively in the testis, localizes to a region of the Y chromosome frequently deleted in infertile males. CDY protein contains two functional domains, an N-terminal chromodomain, possibly functioning in heterochromatin interactions, and also a C-terminal domain which resembles enoyl-CoA-isomerase, a protein involved in fatty acid oxidation. Furthermore, CDY acts as a histone acetyltransferase, with strong preference for histone H4, a process required for the histone to proamine transition in spermatogenesis, consistent with the association with male infertility. Chromodomain Y-like protein (CDYL) is a related ubiquitous nuclear protein expressed at moderate levels in most tissues. The gene encoding for the CDYL protein localizes to chromosome 6p25.1.

Recommended Dilution

WB: 1: 500 - 1: 2000

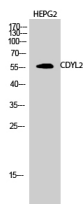
IHC: 1: 100 - 1: 300

Immunocytochemistry (ICC): 1: 200 - 1: 1000

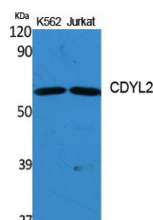
ELISA: 1: 20000

Not yet tested in other applications.

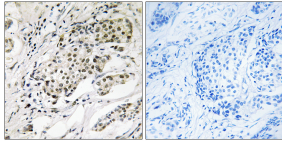
Images



Western Blot analysis of HEPG2 cells using CDYL2 Polyclonal Antibody diluted at 1:1000 cells nucleus.



Western Blot analysis of various cells using CDYL2 Polyclonal Antibody diluted at 1:1000 cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CDYL2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com