

CHD1L Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01746
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CHD1L. AA range:545-594
Mol wt	101000
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CHD1L Antibody
Synonyms	CHD1L; ALC1; Chromodomain-helicase-DNA-binding protein 1-like; Amplified in liver cancer protein 1

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

Background

CHD1L encodes a DNA helicase protein involved in DNA repair. The chromodomain-helicase-DNA-binding protein 1-like converts ATP to add poly(ADP-ribose) as it regulates chromatin relaxation following DNA damage. Several alternatively spliced transcripts variants have been described for this gene. CHD1L (Chromodomain Helicase DNA Binding Protein 1-Like) is a Protein Coding gene. Diseases associated with CHD1L include fibrosarcoma of bone. Among its related pathways are Chromatin Regulation / Acetylation and DNA Double-Strand Break Repair. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and hydrolase activity. DNA helicase which plays a role in chromatin-remodeling following DNA damage. Targeted to sites of DNA damage through interaction with poly(ADP-ribose) and functions to regulate chromatin during DNA repair. Able to catalyze nucleosome sliding in an ATP-dependent manner. Helicase activity is strongly stimulated upon poly(ADP-ribose)-binding.

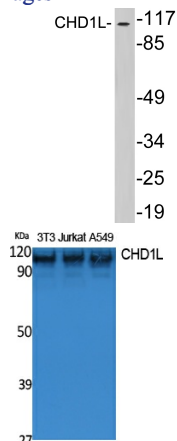
Recommended Dilution

WB: 1: 500 - 1: 2000

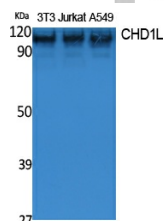
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HepG2 cells, using CHD1L antibody.



Western Blot analysis of extracts from NIH-3T3, Jurkat, A549 cells, using CHD1L Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.

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