

Datasheet for ABIN6243421
anti-CTCFL antibody (AA 617-650)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	CTCFL
Binding Specificity:	AA 617-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTCFL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CTCFL antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 617-650 amino acids from human CTCFL.
Clone:	RB54304
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CTCFL
Alternative Name:	CTCFL (CTCFL Products)
Background:	Testis-specific DNA binding protein responsible for insulator function, nuclear architecture and

Target Details

transcriptional control, which probably acts by recruiting epigenetic chromatin modifiers. Plays a key role in gene imprinting in male germline, by participating in the establishment of differential methylation at the IGF2/H19 imprinted control region (ICR). Directly binds the unmethylated H19 ICR and recruits the PRMT7 methyltransferase, leading to methylate histone H4 'Arg-3' to form H4R3me2. This probably leads to recruit de novo DNA methyltransferases at these sites (By similarity). Seems to act as tumor suppressor. In association with DNMT1 and DNMT3B, involved in activation of BAG1 gene expression by binding to its promoter. Required for dimethylation of H3 lysine 4 (H3K4me2) of MYC and BRCA1 promoters.

Molecular Weight: 75747

UniProt: [Q8NI51](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

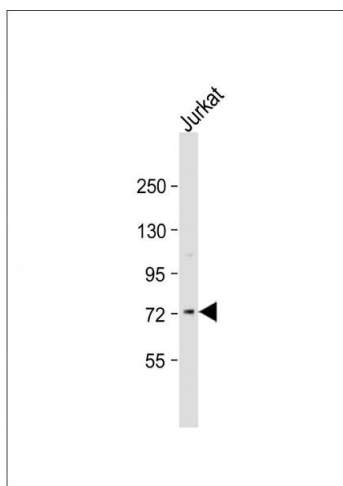
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-CTCFL Antibody (C-Term) at 1:2000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.