

Datasheet for ABIN7112427 **anti-CTCFL antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CTCFL
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CTCFL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	CCCTC-binding factor(zinc finger protein)-like
Clone:	2B10
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CTCFL
Alternative Name:	BORIS (CTCFL Products)
Background:	Synonyms: BORIS, Cancer/testis antigen 27, CCCTC binding factor, CT27, CTCF like protein, CTCF paralog, CTCF T, CTCFL, dJ579F20.2, Zinc finger protein CTCF T Background: CTCFL,

Target Details

also named BORIS(for brother of the regulator of imprinted sites) is a paralogue of the 11 zinc-finger transcription factor, CTCF. It is predominantly expressed in spermatocytes in the testis, also can be found in tumors and cancer cell lines. It mainly participates in insulator function, nuclear architecture and transcriptional control, which probably acts by recruiting epigenetic chromatin modifiers. It has 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 H4R3sme2.

Molecular Weight: 75 kDa

UniProt: [Q8NI51](#)

Application Details

Application Notes: WB: 1:500-1:2000, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months