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Datasheet for ABIN7177930

anti-CTCFL antibody (AA 1-636) (HRP)

Overview

Quantity:	100 µg
Target:	CTCFL
Binding Specificity:	AA 1-636
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTCFL antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Mouse Transcriptional repressor CTCFL protein (1-636AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	CTCFL
Alternative Name:	Ctcf1 (CTCFL Products)
Background:	Background: Testis-specific DNA binding protein responsible for insulator function, nuclear architecture and transcriptional control, which probably acts by recruiting epigenetic chromatin

Target Details

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. 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. Aliases: Ctcfl antibody, Boris antibody, Transcriptional repressor CTCFL antibody, Brother of the regulator of imprinted sites antibody, CCCTC-binding factor antibody, CTCF paralog antibody, CTCF-like protein antibody

UniProt: [A2APF3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.