

Rabbit anti-Human Transcriptional repressor CTCFL Polyclonal Antibody | anti-CTCFL antibody

Rabbit anti-human Transcriptional repressor CTCFL polyclonal Antibody(CTCFL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119108	Rabbit	Human	Immunohistochemistry, ELISA

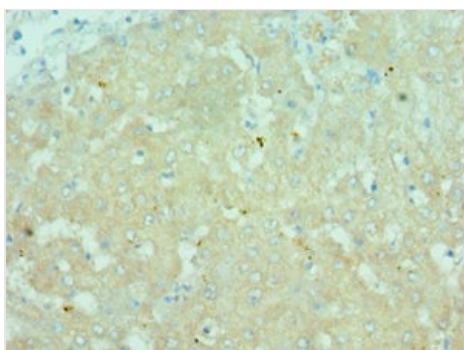
PRODUCT SYNONYMS

Transcriptional repressor CTCFL; Polyclonal Antibody; Rabbit anti-human Transcriptional repressor CTCFL polyclonal Antibody(CTCFL); Brother of the regulator of imprinted sites; CCCTC-binding factor; CTCF paralog; CTCF-like protein; Cancer/testis antigen 27; CT27; Zinc finger protein CTCF-T; CTCFL; BORIS; anti-CTCFL antibody

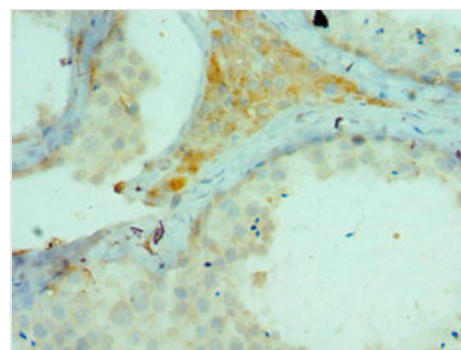
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	663
Applicable Applications for anti-CTCFL antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Transcriptional repressor CTCFL protein(1-270aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-51036 / sc-51039 / sc-51038 / sc-51037 / sc-98982
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver using AAA119108 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testicle using AAA119108 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CTCFL antibody	Testis-specific DNA binding protein responsible for insulator function, nuclear architecture and 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	392933920
NCBI GeneID	140690
NCBI Accession #	NP_001255969.1
NCBI GenBank Nucleotide #	NM_001269040.1
UniProt Accession #	Q8NI51; A0S6W1; A1L4C6; A6XGL8; A6XGM2; A6XGM3; A6XGM8; A6XGN0; A6XGN1; A6XGN2; A6XGN3; A6XGN4
Molecular Weight	35,417 Da
NCBI Official Full Name	transcriptional repressor CTCFL isoform 1
NCBI Official Synonym Full Names	CCCTC-binding factor (zinc finger protein)-like
NCBI Official Symbol	CTCFL
NCBI Official Synonym Symbols	CT27; BORIS; CTCF-T; HMGB1L1; dJ579F20.2
NCBI Protein Information	transcriptional repressor CTCFL
UniProt Protein Name	Transcriptional repressor CTCFL
UniProt Gene Name	CTCFL
UniProt Synonym Gene Names	BORIS; CT27
UniProt Entry Name	CTCFL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/transcriptional-repressor-ctcf-antibody-immunohistochemistry-elisa/119108>