

Product Datasheet

CTCF Antibody

Catalog No: CY6724

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P49711

All Names: 11 zinc finger protein; CCCTC binding factor; Ctf; CTCFL paralog; MRD21; Transcriptional repressor CTCF;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 140 kDa

Application

WB 1:500~1:2000

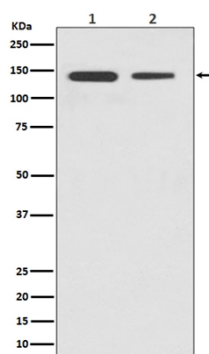
IHC 1:100~1:500

ICC/IF 1:50~1:200

FC 1:50

Background

CTCF belongs to the zinc finger transcription factor family, and it recognizes unusually long and remarkably divergent DNA target sequences to influence expression of many various genes. Plays a important role in chromatin remodeling. Can dimerize when it is bound to different DNA sequences, mediating long-range chromatin looping. Mediates interchromosomal association between IGF2/H19 and WSB1/NF1 and may direct distant DNA segments to a common transcription factory.



Western blot analysis of CTCF expression in (1) HeLa cell lysate; (2) Mouse brain lysate.

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