

## CTCFL

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:100

**Calculated MW:**75kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CTCFL

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CT27; BORIS; CTCF-T; HMGB1L1; dJ579F20.2;

**Catalog #:**A6149

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**140690

**Isotype:**IgG

**Swiss Prot:**Q8NI51

**Purity:**Affinity purification

For research use only.

**Background:**

CCCTC-binding factor (CTCF), an 11-zinc-finger factor involved in gene regulation, utilizes different zinc fingers to bind varying DNA target sites. CTCF forms methylation-sensitive insulators that regulate X-chromosome inactivation. This gene is a paralog of CTCF and appears to be expressed primarily in the cytoplasm of spermatocytes, unlike CTCF which is expressed primarily in the nucleus of somatic cells. CTCF and the protein encoded by this gene are normally expressed in a mutually exclusive pattern that correlates with resetting of methylation marks during male germ cell differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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