

## Rabbit CTCFL Polyclonal Antibody | anti-CTCFL antibody

CTCFL antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA306767</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

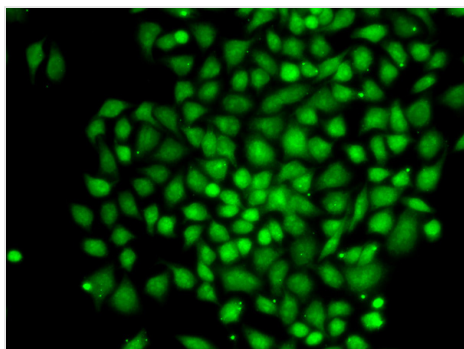
### PRODUCT SYNONYMS

CTCFL; Polyclonal Antibody; CTCFL antibody; CT27; BORIS; CTCF-T; HMGB1L1; dJ579F20.2; anti-CTCFL antibody

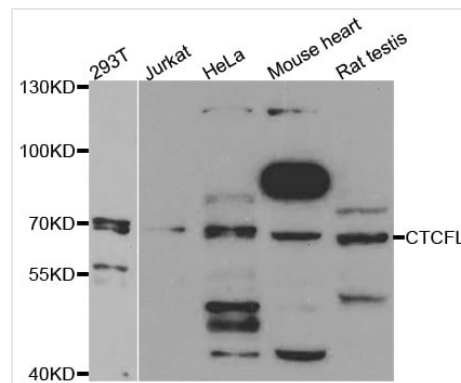
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                     |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                              |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                                          |
| Specificity                                     | The antibody detects endogenous level of total CTCFL antibody.                                                                      |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                 | 663                                                                                                                                 |
| Applicable Applications for anti-CTCFL antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                          |
| Immunogen Type                                  | Recombinant Protein                                                                                                                 |
| Immunogen Description                           | Recombinant protein of human CTCFL.                                                                                                 |
| Target Name                                     | CTCFL                                                                                                                               |
| Preparation and Storage                         | Store at -20 degree C                                                                                                               |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of MCF-7 cell using CTCFL antibody. Blue: DAPI for nuclear staining.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using CTCFL antibody.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CTCFL antibody | 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. |
| Product Categories/Family for anti-CTCFL antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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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