



# CTCF Antibody

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| <b>Product Code</b>        | CSB-PA006138GA01HU   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P49711   |
| <b>Immunogen</b>           | Human CTCF   |
| <b>Raised In</b>           | Rabbit   |
| <b>Species Reactivity</b>  | Human, Mouse, Rat  |
| <b>Tested Applications</b> | ELISA, WB, IHC   |
| <b>Storage Buffer</b>      | PBS with 0.1% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.   |
| <b>Purification Method</b> | Antigen Affinity Purified  |
| <b>Isotype</b>             | IgG  |
| <b>Alias</b>               | CCCTC-binding factor (zinc finger protein);  |
| <b>Product Type</b>        | Purified Rabbit Anti human PolyClonal Antibody   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Target Names</b>        | CTCF   |
| <b>Target Details</b>      | <p>This gene is a member of the BORIS + CTCF gene family and encodes a transcriptional regulator protein with 11 highly conserved zinc finger (ZF) domains. This nuclear protein is able to use different combinations of the ZF domains to bind different DNA target sequences and proteins. Depending upon the context of the site, the protein can bind a histone acetyltransferase (HAT)-containing complex and function as a transcriptional activator or bind a histone deacetylase (HDAC)-containing complex and function as a transcriptional repressor. If the protein is bound to a transcriptional insulator element, it can block communication between enhancers and upstream promoters, thereby regulating imprinted expression. Mutations in this gene have been associated with invasive breast cancers, prostate cancers, and Wilms tumors.</p> |