

DNAPab

Hard-to-Find
Antibody

CTCF DNAPab

Catalog # H00010664-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CTCF DNA using DNAP™ Immune technology.
Technology	DNAP™ Immune
Immunogen	Full-length human DNA
Sequence	MEGDAVEAVEESETFIKGERKTYQRRREGGQEEDACHLPQNQTDGGEVVQDVNSSVQMVMME EQLDPTLLQMKTEVMEGTVAPEAAVDDTQIITLQVVNMEEQPINIGELQLVQVPVPTVPVATT SVEELQGAYENEVSKEGLAESEPMICHTLPLPEGFQVVKVGANGEVETLEQGELPPQEDPSWQ KDPDYQPPAKKTKKTKKSKLRYTEEGKDVDVSVYDFEEQQEGLLSEVNAEKVVGNMKPPKPT KIKKKGVKKTFQCELCSYTCPRRSNLDRHMKSHTDERPHKCHLCGRAFRVTLLRNHLNTHTGTR PHKCPDCDMAFVTSGELVRHRRYKHTHEKPFKCSMCDYASVEVSKLKRHIRSHTGERPFQCSL CSYASRDYKLRHMRTHSGEKPYECYICARFTQSGTMKMHILQKHTENVAKFHCPHCDTVIAR KSDLGVHLRKQHSYIEQGKKCRYCDAVFHERYALIQHQKSHKNEKRFKCDQCDYACRQERHMIM HKRHTGKPYACSHCDKTFRQKQLLDMHFKRYHDPNFVPAAFVCSKCGKTFTRRNTMARHAD NCAGPDGVEGENGGETKKS KRGRKRKMRSKKEDSSDSENAEPDLDDNEDEEPAVEIEPEPE PQPVTAPPPAKKRRGRPPGRTNQPKQNQPTAIQVEDQNTGAIENIVEVKKEPDAEPAEGEEEE AQPAATDAPNGDLTPMILSMMDR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CTCF

Entrez GeneID [10664](#)

GeneBank Accession# [NM_006565.2](#)

Protein Accession# [NP_006556.1](#)

Gene Name CTCF

Gene Alias -

Gene Description CCCTC-binding factor (zinc finger protein)

Omim ID [604167](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations 11 zinc finger transcriptional repressor|11-zinc finger protein|CCCTC-binding factor|CTCFL paralog|transcriptional repressor CTCF

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Neoplastic Syndromes](#)