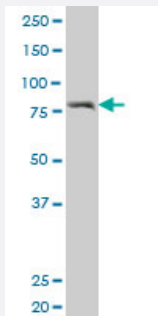


CTCF polyclonal antibody (A01)

Catalog # H00010664-A01

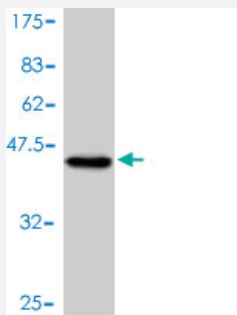
Size 50 uL

Applications



Western Blot (Cell lysate)

CTCF polyclonal antibody (A01), Lot # 050727JC01 Western Blot analysis of CTCF expression in HL-60 (Cat # L014V1).



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CTCF.
Immunogen	CTCF (AAH14267, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MEGDAVEAMEESETFIK GKERTYQRRREGGQEEDACHLPQNQTDGGEVVQDVNSSVQMVMMEQLDPTLLQMKTEVMEGTVAPEAEAAVDDTQITLQV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CTCF polyclonal antibody (A01), Lot # 050727JC01 Western Blot analysis of CTCF expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CTCF

Entrez GeneID	10664
GeneBank Accession#	BC014267
Protein Accession#	AAH14267
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 paralogue|transcriptional repressor CTCF

Disease

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