

Rabbit CTCF Polyclonal Antibody | anti-CTCF antibody

CTCF Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197130	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

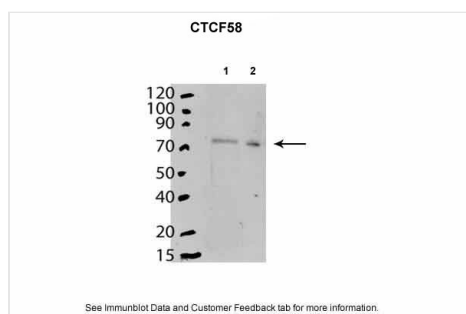
PRODUCT SYNONYMS

CTCF; Polyclonal Antibody; CTCF Antibody - C-terminal region; anti-CTCF antibody

PRODUCT SPECIFICATIONS

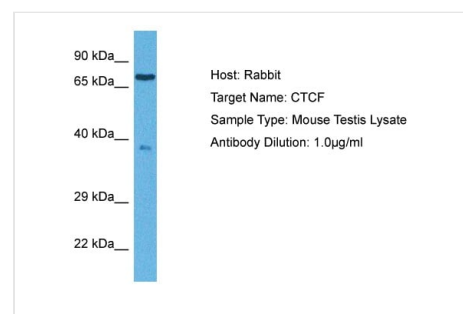
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HA DNCAGPDGVE GENGGETKKS KRGRKRMRS KKEDSSDSEN AEPDLDDN
Sequence Length	727
Applicable Applications for anti-CTCF antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CTCF
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



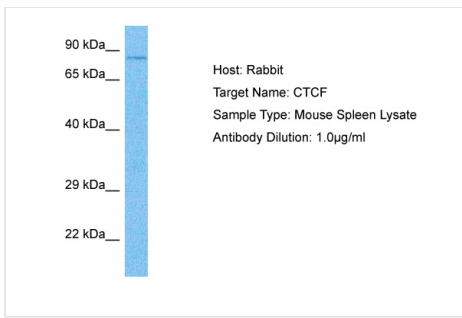
WB (Western Blot)

Mouse stem cells expressed in cytoplasm and nucleoplasm. Primary antibody is 1:2000. 20ug lysate added to each lane. Lane 1: Mouse stem cell cytoplasm. Lane 2: Mouse stem cell nucleoplasm.



WB (Western Blot)

Host: Rabbit Target Name: CTCF Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml



WB (Western Blot)

Host: Rabbit Target Name: CTCF Sample Tissue: Mouse Spleen Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CTCF antibody	This is a rabbit polyclonal antibody against CTCF. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-CTCF antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729790
NCBI GeneID	10664
NCBI Accession #	NP_006556
NCBI GenBank Nucleotide #	NM_006565
UniProt Accession #	P49711
Molecular Weight	83kDa
NCBI Official Full Name	transcriptional repressor CTCF isoform 1
NCBI Official Synonym Full Names	CCCTC-binding factor
NCBI Official Symbol	CTCF
NCBI Official Synonym Symbols	MRD21
NCBI Protein Information	transcriptional repressor CTCF
UniProt Protein Name	Transcriptional repressor CTCF
UniProt Gene Name	CTCF
UniProt Entry Name	CTCF_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.