

Product Datasheet

CTCF Antibody (orb1261271)

Description	CTCF Antibody
Species/Host	Rabbit
Reactivity	Human, Monkey, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ChIP, IF, IHC, IP, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CTCF (NP_006556.1).
Target	CTCF
Preservatives	Liquid
Form/Appearance	Liquid
Concentration	batch dependent
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	WB: 1:500 - 1:2000IHC: 1:50 - 1:200IF: 1:50 - 1:200IP: 1:50 - 1:100ChIP: 1:50 - 1:200
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	Observed: 140kDa

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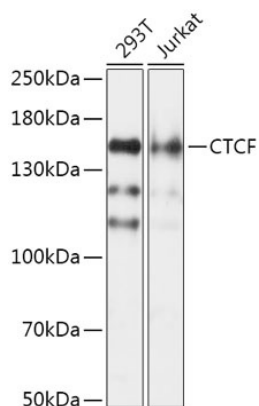
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
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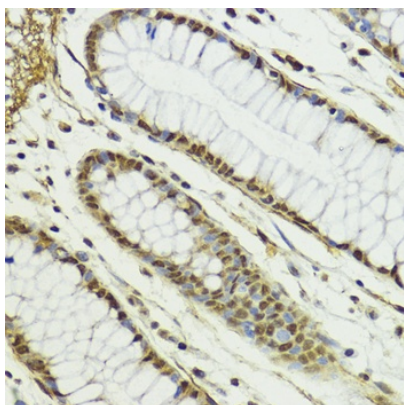
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Uniprot ID**P49711****Expiration Date**

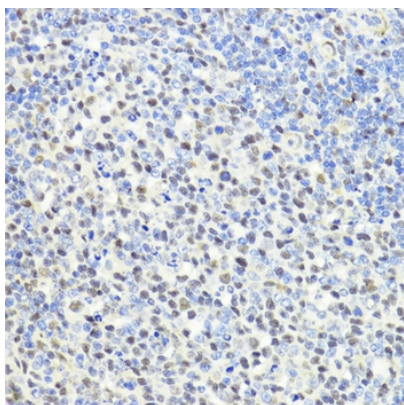
12 months from date of receipt.



Western blot analysis of extracts of various cell lines, using CTCF antibody (orb1261271) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Immunohistochemistry of paraffin-embedded human colon using CTCF antibody (orb1261271) at dilution of 1:100 (40x lens).



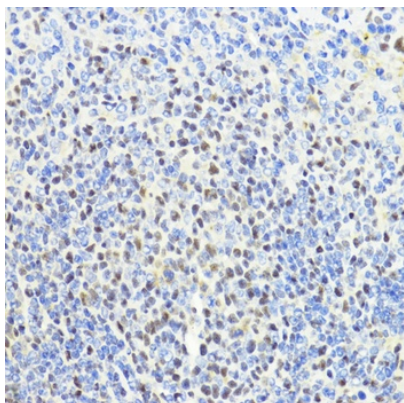
Immunohistochemistry of paraffin-embedded rat spleen using CTCF antibody (orb1261271) at dilution of 1:100 (40x lens).

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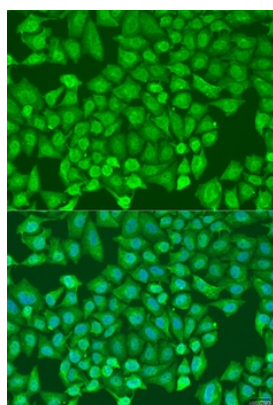
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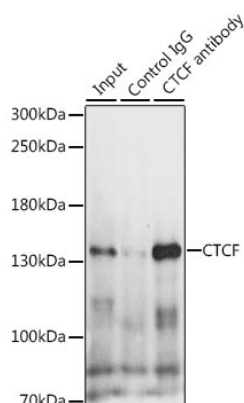
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Immunohistochemistry of paraffin-embedded mouse spleen using CTCF antibody (orb1261271) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using CTCF antibody (orb1261271) at dilution of 1:100. Blue: DAPI for nuclear staining.



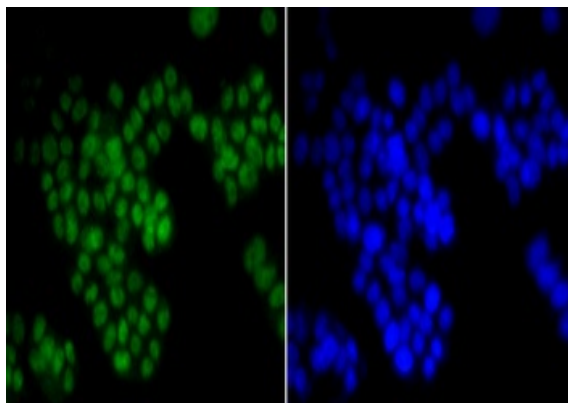
Immunoprecipitation analysis of 200 ug extracts of HeLa cells, using 3 ug CTCF antibody (orb1261271). Western blot was performed from the immunoprecipitate using CTCF antibody (orb1261271) at a dilution of 1:1000.

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Chromatin immunoprecipitation analysis of extracts of HCT116 cells, using CTCF antibody (orb1261271) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.

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