

# Product Datasheet

## CTCF Antibody (4W9B0)

### NBP3-15795-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP3-15795-100ul**

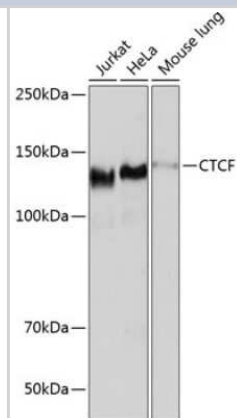
CTCF Antibody (4W9B0)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4W9B0
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	83 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit CTCF Antibody (4W9B0) (NBP3-15795) is a recombinant monoclonal antibody validated for use in WB, ELISA, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10664
<b>Gene Symbol</b>	CTCF
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 628-727 of human CTCF (P49711). PAVEIEPEPEPQPVTPAPPPAKKRRGRPPGRTNQPKQNQPTAIQVEDQNTGAI ENIIVEVKKEPDAEPAEGEEEEQAATDAPNGDLTPEMILSMMDR
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 ug/mL, Immunocytochemistry/ Immunofluorescence 1:200 - 1:800, Immunoprecipitation 0.5µg-4µg antibody for 200 ug-400 ug extracts of whole cells, Chromatin Immunoprecipitation (ChIP) 3µg antibody for 10 ug-15 ug of chromatin, Chromatin Immunoprecipitation Sequencing 1:50 - 1:100

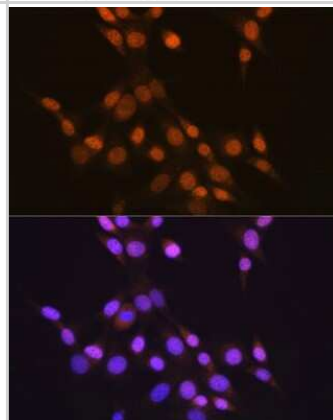


## Images

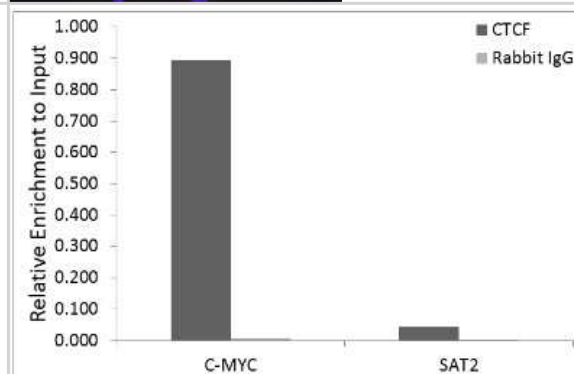
**Western Blot: CTCF Antibody (4W9B0) [NBP3-15795]** - Western blot analysis of extracts of various cell lines, using CTCF antibody (NBP3-15795) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



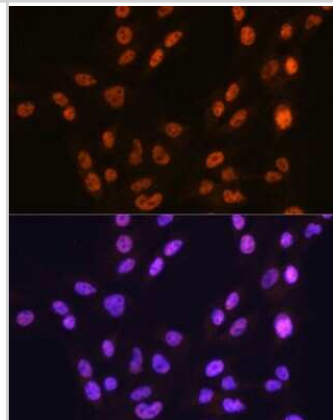
**Immunocytochemistry/Immunofluorescence: CTCF Antibody (4W9B0) [NBP3-15795]** - Immunofluorescence analysis of NIH-3T3 cells using CTCF antibody (NBP3-15795). Blue: DAPI for nuclear staining.



**Chromatin Immunoprecipitation: CTCF Antibody (4W9B0) [NBP3-15795]** - Chromatin immunoprecipitation analysis of extracts of 293T cells, using CTCF antibody (NBP3-15795) 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.



**Immunocytochemistry/Immunofluorescence: CTCF Antibody (4W9B0) [NBP3-15795]** - Immunofluorescence analysis of C6 cells using CTCF antibody (NBP3-15795). Blue: DAPI for nuclear staining.



Immunoprecipitation: CTCF Antibody (4W9B0) [NBP3-15795] - Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug CTCF antibody (NBP3-15795). Western blot was performed from the immunoprecipitate using CTCF antibody (NBP3-15795) at a dilution of 1:1000.





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### **Products Related to NBP3-15795-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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