

Product Datasheet

CTCF Antibody (4W9B0)

NBP3-15795-100ul

Unit Size: 100 ul

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

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NBP3-15795-100ul

CTCF Antibody (4W9B0)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4W9B0
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	83 kDa

Product Description

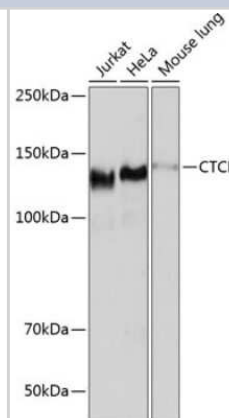
Host	Rabbit
Gene ID	10664
Gene Symbol	CTCF
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 628-727 of human CTCF (P49711). PAVEIEPEPEPQPVTAPPPAKKRRGRPPGRTNQPKQNQPTAIQVEDQNTGAI ENIIVEVKKEPDAAEPAEGEEEEQAQAATDAPNGDLTPMILSMMDR

Product Application Details

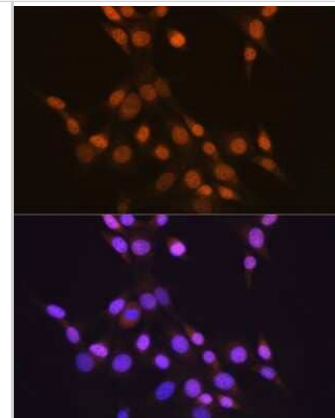
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 ug/mL, Immunocytochemistry/ 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

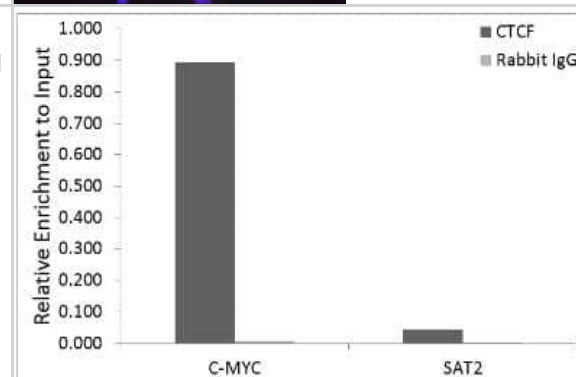
Western Blot: CTCF Antibody (4W9B0) [NBP3-15795] - Western blot analysis of extracts of various cell lines, using CTCF antibody (NBP3-15795) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk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



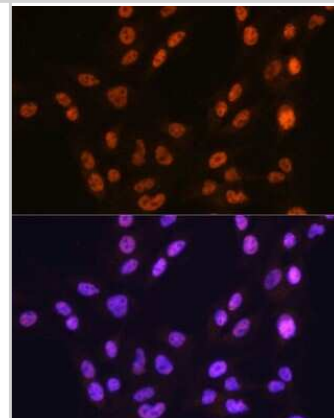
Immunocytochemistry/Immunofluorescence: CTCF Antibody (4W9B0) [NBP3-15795] - Immunofluorescence analysis of NIH-3T3 cells using CTCF antibody (NBP3-15795). Blue: DAPI for nuclear staining.



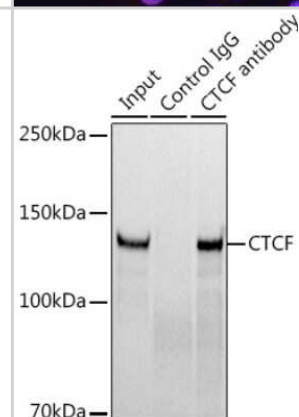
Chromatin Immunoprecipitation: CTCF Antibody (4W9B0) [NBP3-15795] - Chromatin immunoprecipitation analysis of extracts of 293T cells, using CTCF antibody (NBP3-15795) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated 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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010664-P01-2ug	Recombinant Human CTCF GST (N-Term) Protein

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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