

Product Datasheet

CTCF Antibody (CL0307) - BSA Free NBP2-52911

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-52911

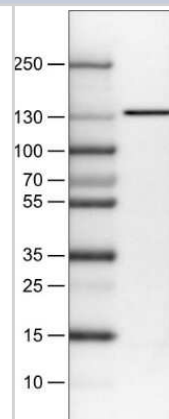
CTCF Antibody (CL0307) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0307
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse CTCF Antibody (CL0307) - BSA Free (NBP2-52911) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10664
Gene Symbol	CTCF
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P49711, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

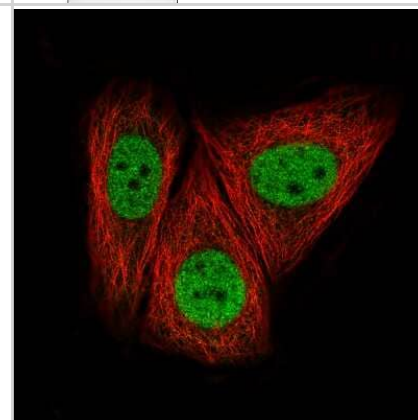


Images

Western Blot: CTCF Antibody (CL0307) [NBP2-52911] - Lane 1: Marker [kDa], Lane 2: Human cell line U-251 MG



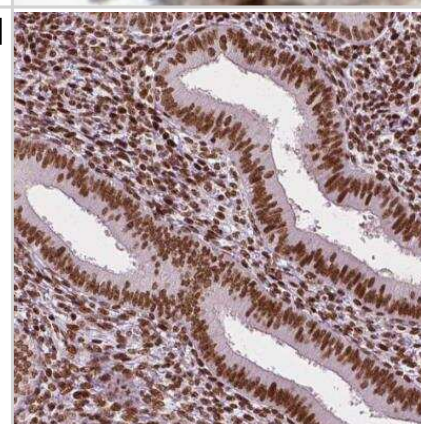
Immunocytochemistry/Immunofluorescence: CTCF Antibody (CL0307) [NBP2-52911] - Staining of MCF7 cells using the Anti-CTCF monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Immunohistochemistry-Paraffin: CTCF Antibody (CL0307) [NBP2-52911] - Analysis of CTCF antibody on Human fallopian tube tissue. Antigen retrieval was done enzymatically. Image from verified customer review.

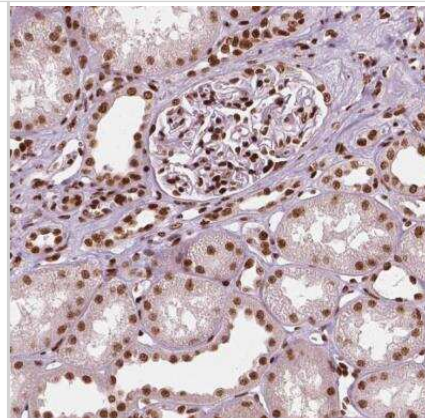


Immunohistochemistry-Paraffin: CTCF Antibody (CL0307) [NBP2-52911] - Staining of human endometrium shows strong nuclear positivity in glandular and stromal cells

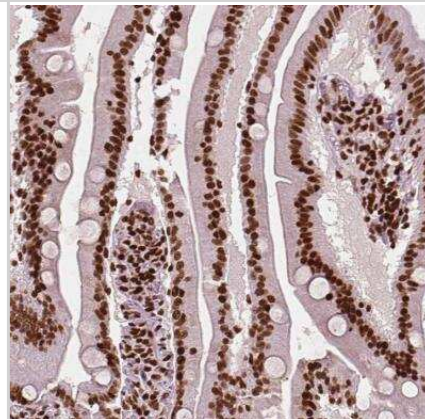


Immunohistochemistry-Paraffin: CTCF Antibody (CL0307) [NBP2-52911]

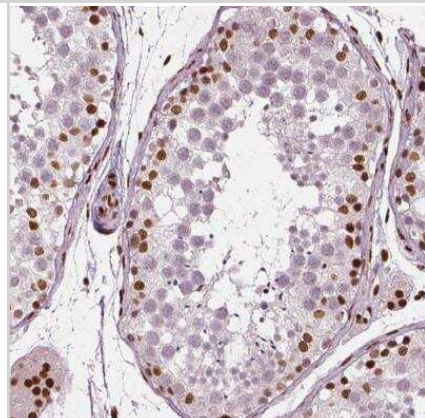
- Staining of human kidney shows strong nuclear positivity in cells in glomeruli and tubuli.

**Immunohistochemistry-Paraffin: CTCF Antibody (CL0307) [NBP2-52911]**

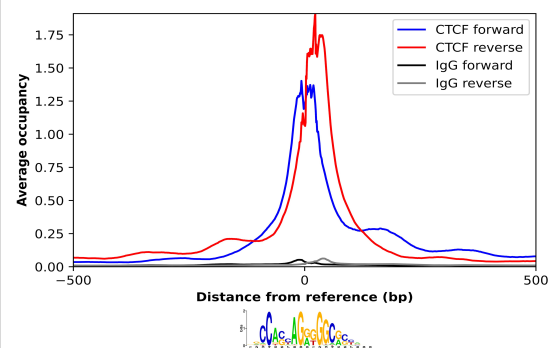
- Staining of human small intestine shows strong nuclear positivity in glandular cells.

**Immunohistochemistry-Paraffin: CTCF Antibody (CL0307) [NBP2-52911]**

- Staining of human testis shows moderate nuclear positivity in a subset of cells in seminiferous ducts.



ChIP-Exo-Seq composite graph for Anti-CTCF (NBP2-52911) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-52911

NBP2-52911PEP	CTCF Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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