

Product Datasheet

CTCF Antibody (CL0304) - Azide and BSA Free NBP3-44025

Unit Size: 100 ul

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

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NBP3-44025

CTCF Antibody (CL0304) - Azide and BSA Free

Product Information

Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0304
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

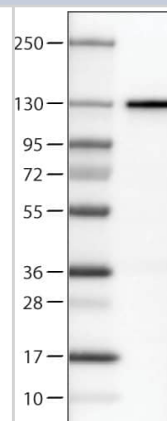
Host	Mouse
Gene ID	10664
Gene Symbol	CTCF
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P49711, with the exact immunogen sequence remaining proprietary.

Product Application Details

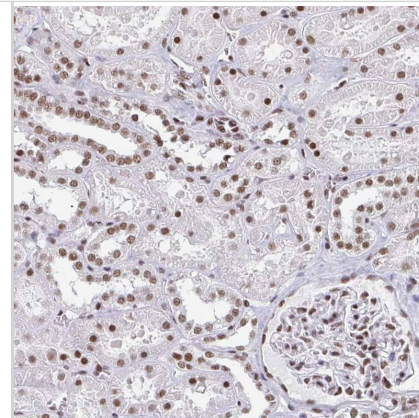
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

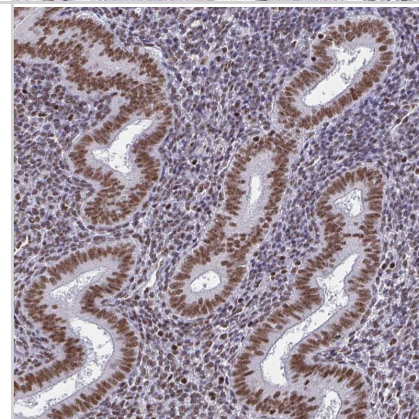
Lane 1: Marker [kDa]
Lane 2: Human cell line U-251 MG



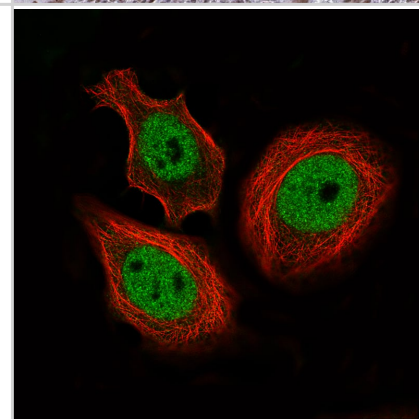
Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules and glomeruli.



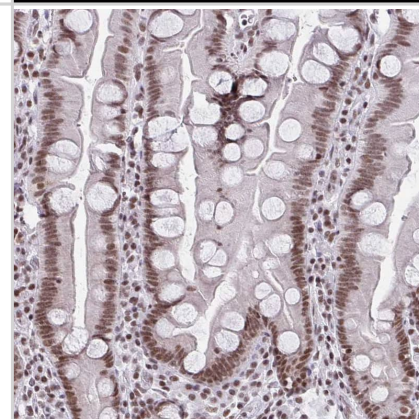
Staining of human endometrium shows moderate to strong nuclear positivity in glandular and stromal cells.



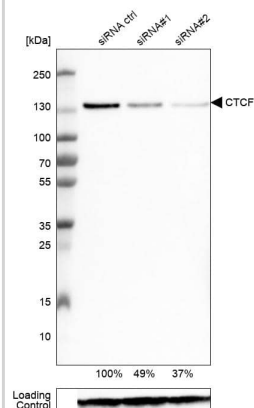
Staining of MCF7 cells using the Anti-CTCF monoclonal antibody).



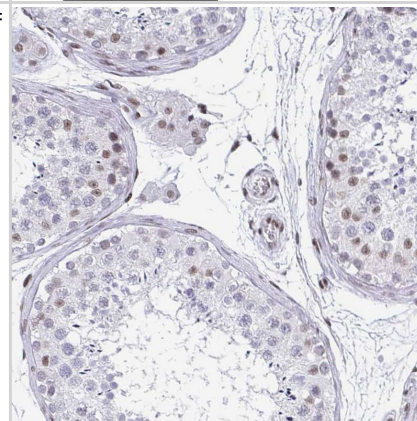
Staining of human small intestine shows moderate nuclear positivity in glandular cells.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CTCF antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



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





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Products Related to NBP3-44025

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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