

# Product Datasheet

## **RUNX2/CBFA1 Antibody (CL0232) - Azide and BSA Free NBP3-44496**

Unit Size: 100 ug

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

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**NBP3-44496**

RUNX2/CBFA1 Antibody (CL0232) - Azide and BSA Free

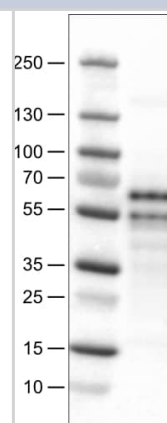
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0232
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	860
Gene Symbol	RUNX2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q13950, with the exact immunogen sequence remaining proprietary.

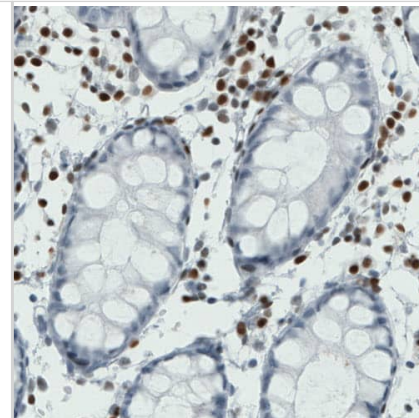
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

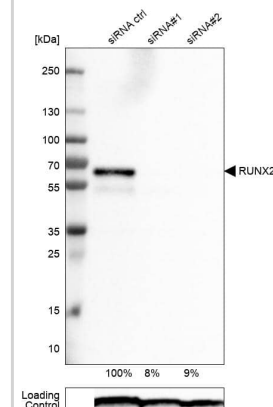
Lane 1: Marker [kDa]  
Lane 2: Human cell line U-251 MG



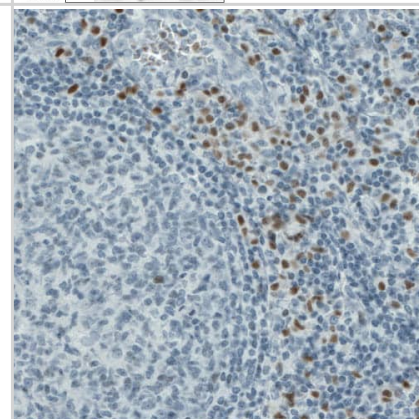
Staining of human rectum shows nuclear positivity in lymphoid cells.



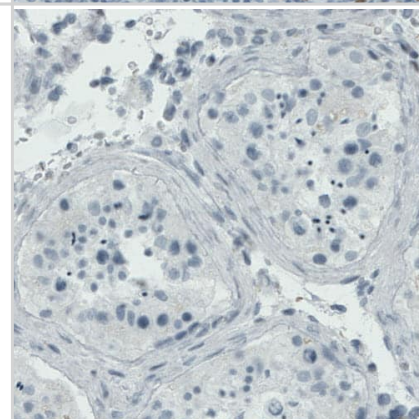
Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-RUNX2/CBFA1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



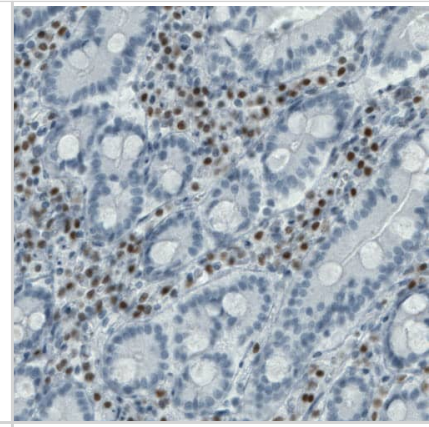
Staining of human tonsil shows nuclear immunoreactivity in a subset of lymphoid cells outside the reaction centrum.



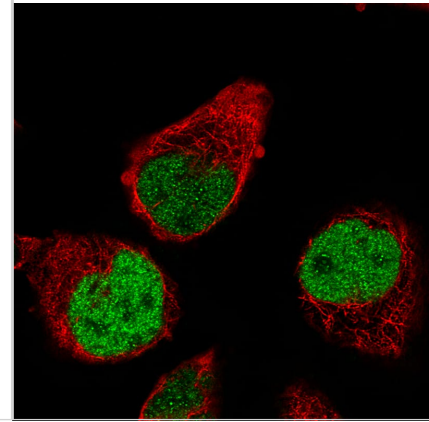
Staining of human testis shows absence of staining (negative control).



Staining of human small intestine shows nuclear immunoreactivity in lymphoid cells.



Staining of RH-30 cells using the Anti-RUNX2/CBFA1 monoclonal antibody).





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### **Products Related to NBP3-44496**

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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)
NBP2-24755PEP	RUNX2/CBFA1 Antibody Blocking Peptide

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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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