

Product Datasheet

RUNX1/CBFA2 Antibody - BSA Free NBP1-89105

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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NBP1-89105**RUNX1/CBFA2 Antibody - 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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	49 kDa

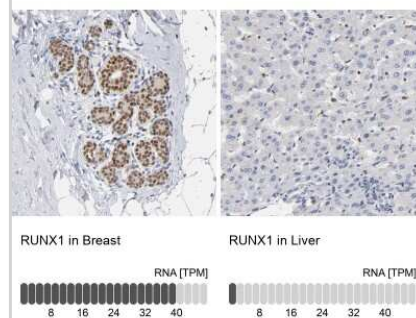
Product Description	
Description	Novus Biologicals Rabbit RUNX1/CBFA2 Antibody - BSA Free (NBP1-89105) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RUNX1/CBFA2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	861
Gene Symbol	RUNX1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PQPQSQMQDTRQIQPSPPPWSYDQSYQYLGSIASPSVHPATPISPGRASGMTT LSAELSSRLSTAPDLTAFSDPRQFPALPSISDPRMHYPGAFTYSPTPVTSGI

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in scientific literature (PMID: 24967588)., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, fixation permeabilization: PFA/Triton X-100.

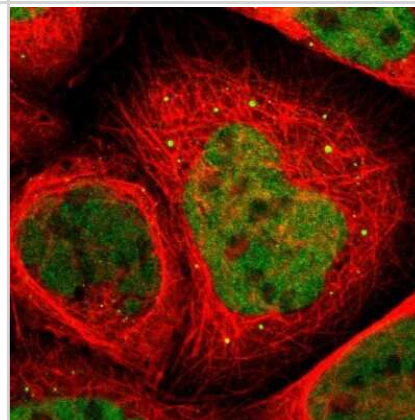


Images

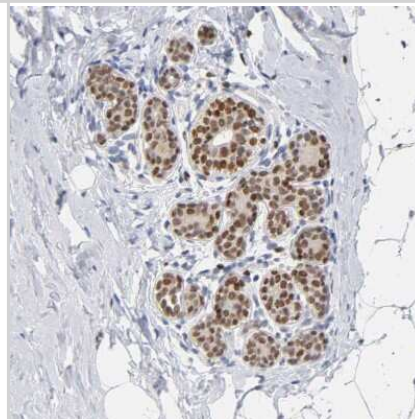
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105]
 - Staining in human breast and liver tissues using NBP1-89105 antibody.
 Corresponding RUNX1 RNA-seq data are presented for the same tissues.



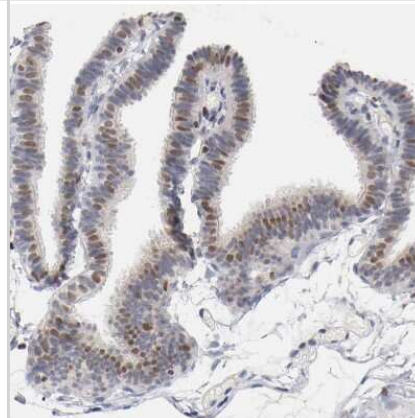
Immunocytochemistry/Immunofluorescence: RUNX1/CBFA2 Antibody [NBP1-89105]
 - Staining human cell line A-431 shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



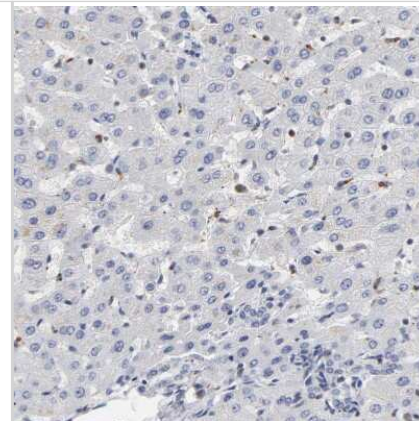
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105]
 - Staining of human breast shows moderate to strong nuclear positivity in glandular cells.



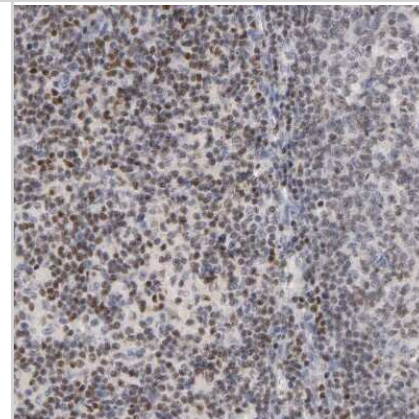
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105]
 - Staining of human Fallopian tube shows weak to moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105]
- Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105]
- Staining of human lymphoid tissues shows moderate to strong nuclear positivity in non-germinal center cells.



Publications

Day RB, Hickman JA, Xu Z et al. Proteogenomic analysis reveals cytoplasmic sequestration of RUNX1 by the acute myeloid leukemia-initiating CBFβ::MYH11 oncofusion protein J Clin Invest 2023-12-07 [PMID: 38061017]

Burda JE, O'Shea TM, Ao Y et al. Divergent transcriptional regulation of astrocyte reactivity across disorders Nature 2022-05-25 [PMID: 35614216] (IHC-Fr, Mouse)

Ferrari N, Mohammed ZM, Nixon C et al. Expression of RUNX1 Correlates with Poor Patient Prognosis in Triple Negative Breast Cancer. PLoS One 2014-01-01 [PMID: 24967588] (WB, IF/IHC, Human)



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Products Related to NBP1-89105

NBP1-89105PEP	RUNX1/CBFA2 Recombinant Protein Antigen
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

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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