

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

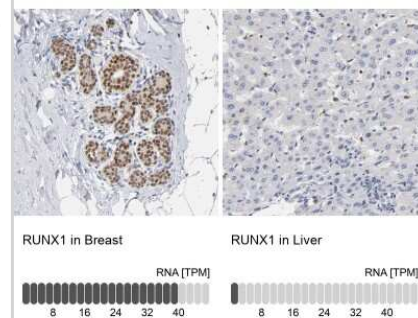
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	49 kDa

Product Description	
Host	Rabbit
Gene ID	861
Gene Symbol	RUNX1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PQPQSQMQDTRQIQPSPWSYDQSYQYLGSIASPSVHPATPISPGRASGMTT LSAELSSRLSTAPDLTAFSDPRQFPALPSISDPRMHYPGAFTYSPTPVTSGI

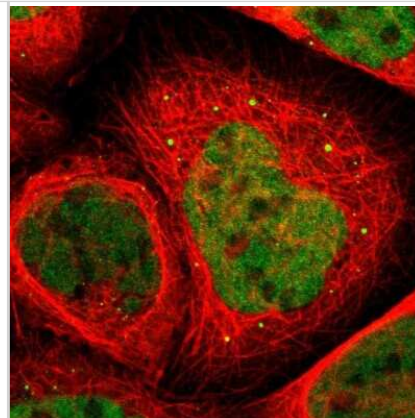
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in (PMID: 24967588)., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml,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

Images

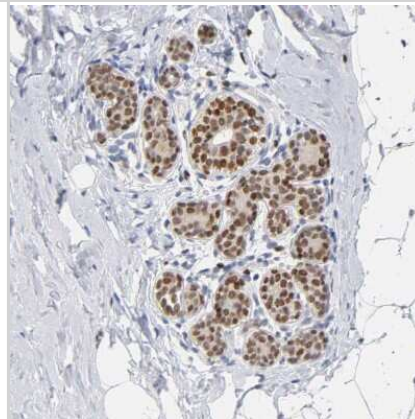
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105] - Staining in human breast and liver tissues using NBP1-89105 antibody. Corresponding RUNX1 RNA-seq data are presented for the same tissues.



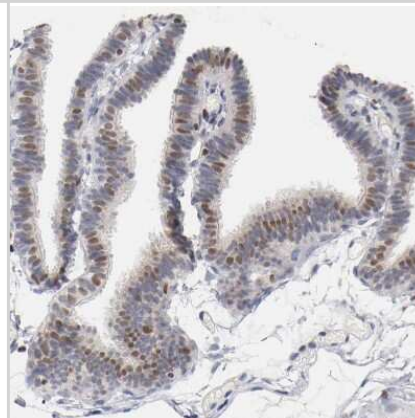
Immunocytochemistry/Immunofluorescence: RUNX1/CBFA2 Antibody [NBP1-89105] - Staining human cell line A-431 shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



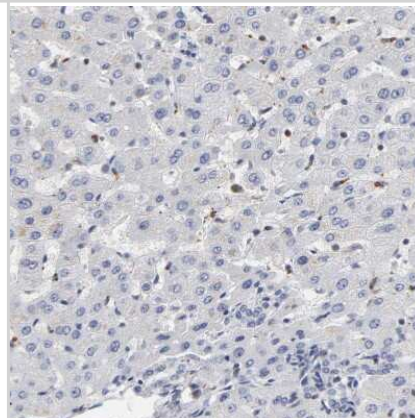
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105] - Staining of human breast shows moderate to strong nuclear positivity in glandular cells.



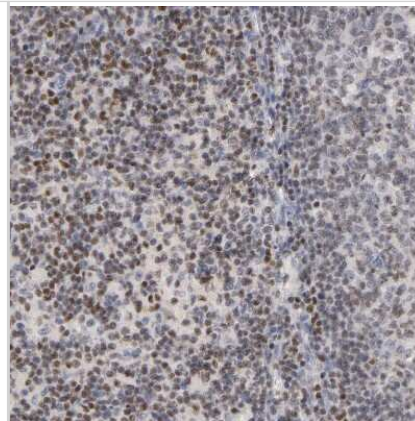
Immunohistochemistry-Paraffin: RUNX1/CBFA2 Antibody [NBP1-89105] - Staining of human Fallopian tube shows weak to moderate nuclear positivity in glandular cells.



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 CBFB::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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Limitations

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