

Product Datasheet

SCL/Tal1 Antibody (C.15200012) NBP2-59207

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-59207

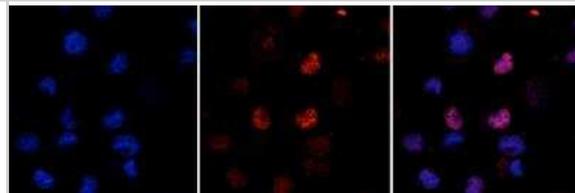
SCL/Tal1 Antibody (C.15200012)

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C.15200012
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Affinity purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6886
Gene Symbol	TAL1
Species	Human
Immunogen	The exact immunogen is proprietary information.
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Immunocytochemistry/Immunofluorescence 1:1000, Chromatin Immunoprecipitation (ChIP) 2-5 ug/IP, Chromatin Immunoprecipitation Sequencing 2 - 5ug/ChIP

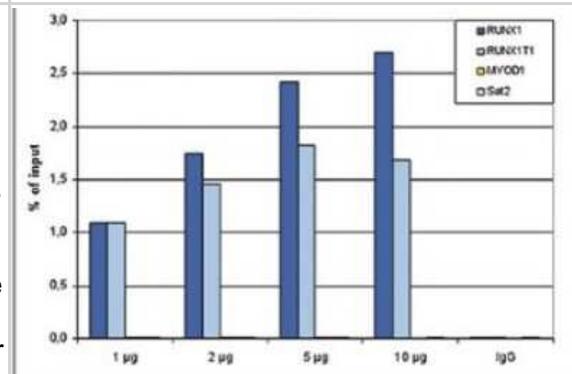


Images

Immunocytochemistry/Immunofluorescence: SCL/Tal1 Antibody (C.15200012) [NBP2-59207] - K562 cells were stained with the antibody against TAL1 and with DAPI. Cells were fixed with 4% formaldehyde for 10 minutes and blocked with PBS/Triton X-100 containing 1% BSA. The cells were immunofluorescently labelled with the TAL1 antibody (middle) diluted 1:1000 in blocking solution followed by an anti-mouse antibody conjugated to Alexa Fluor 594. The left panel shows staining of the nuclei with DAPI. A merge of both stainings is shown on the right.



Chromatin Immunoprecipitation: SCL/Tal1 Antibody (C.15200012) [NBP2-59207] - ChIP was performed using K562 cells, the antibody against TAL1 and optimized PCR primer sets for qPCR. ChIP was performed with a ChIP-seq kit, using sheared chromatin from 4 million cells. A titration of the antibody consisting of 1, 2, 5 and 10 ug per ChIP experiment was analysed. IgG (2 ug/IP) was used as negative IP control. Quantitative PCR was performed with primers for the RUNX1 and RUNX1T1 genes, used as positive controls, and for the coding region of the inactive MYOD1 gene and the Sat2 satellite repeat, used as negative controls. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).





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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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