

# Product Datasheet

## RUNX1 and RUNX1T1 Antibody

### NBP2-59160

Unit Size: 100 ul

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

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**NBP2-59160****RUNX1 and RUNX1T1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Whole Antiserum
<b>Buffer</b>	Serum

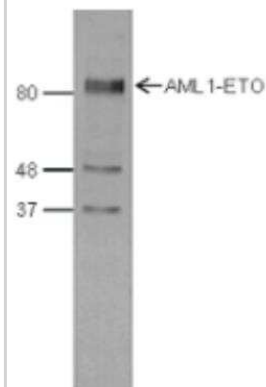
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit RUNX1 and RUNX1T1 Antibody (NBP2-59160) is a polyclonal antibody validated for use in WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Immunogen</b>	The exact immunogen is proprietary information.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA 1:500, Chromatin Immunoprecipitation (ChIP) 4 uL/IP, Chromatin Immunoprecipitation Sequencing



## Images

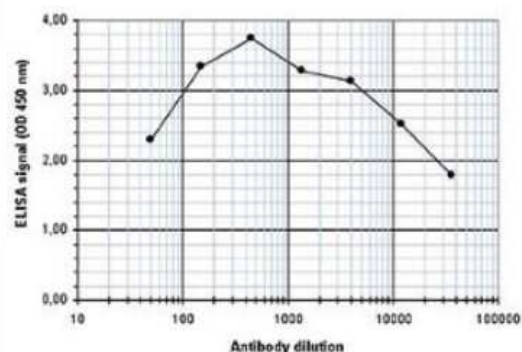
Western Blot: RUNX1 and RUNX1T1 Antibody [NBP2-59160] - Nuclear extracts of SKNO-1 cells (15 ug) were analysed by Western blot using the antibody against AML1-ETO diluted 1:1,000 in TBSTween containing 5% skimmed milk. The marker (kDa) is shown on the left, the position of the protein of interest is indicated on the right.



Chromatin Immunoprecipitation: RUNX1 and RUNX1T1 Antibody [NBP2-59160] - The IP'd DNA of 6 ChIP's was pooled and analysed with an Illumina Genome Analyzer. Library preparation, cluster generation and sequencing were performed according to the manufacturer's instructions. The 32 bp tags were aligned to the human reference genome (hg18) using the ELAND algorithm. Figure shows the results of the complete chromosome 3 and three genomic regions surrounding the OGG1, FUT7 and NFE2 genes, respectively. The position of the PCR amplicon is indicated with an arrow.



ELISA: RUNX1 and RUNX1T1 Antibody [NBP2-59160] - To determine the titer of the antibody, an ELISA was performed using a serial dilution of the antibody directed against AML1-ETO. The plates were coated with the peptides used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:32,750.





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### **Products Related to NBP2-59160**

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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

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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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