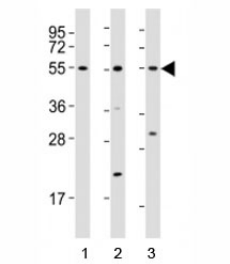
Runx1 Antibody (F53294)

Catalog No.	Formulation	Size
F53294-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53294-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q03347
Applications	Western blot: 1:2000
Limitations	This Runx1 antibody is available for research use only.



Western blot testing of Runx1 antibody at 1:2000 dilution. Lane 1: Jurkat lysate; 2: NIH3T3 lysate; 3: mouse thymus lysate; Predicted molecular weight: 49 kDa.

Description

CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL-3 and GM-CSF promoters. Essential for the development of normal hematopoiesis. Isoform 4 shows higher binding activities for target genes and binds TCR-beta-E2 and RAG-1 target site with threefold higher affinity than other isoforms. It is less effective in the context of neutrophil terminal differentiation. Acts synergistically with ELF4 to transactivate the IL-3 promoter and with ELF2 to transactivate the BLK promoter. Inhibits KAT6B- dependent transcriptional activation (By similarity).

Application Notes

Titration of the Runx1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Runx1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 426-459 amino acids from the C-terminal region of mouse Runx1.

Storage

Aliquot the Runx1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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