

RUNX1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 400 to the C-terminus of Human RUNX1 / AML1.
Form	Liquid
Concentration	0.9 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with BSA
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10980230

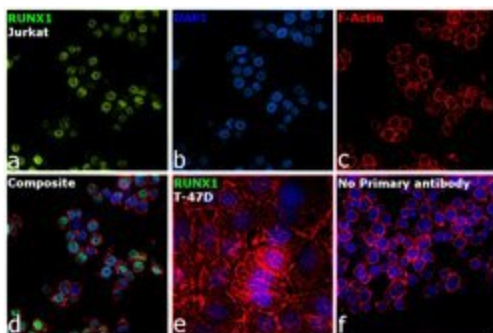
Applications	Tested Dilution	Publications
Western Blot (WB)	0.25-0.5 µg/ml	-
Immunocytochemistry (ICC/IF)	5 µg/ml	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

For Western Blot, this antibody has non-specific bands at 47 kDa and 75 kDa.

This antibody is predicted to react with rat and chicken based on sequence homology.

Advanced Verification Data

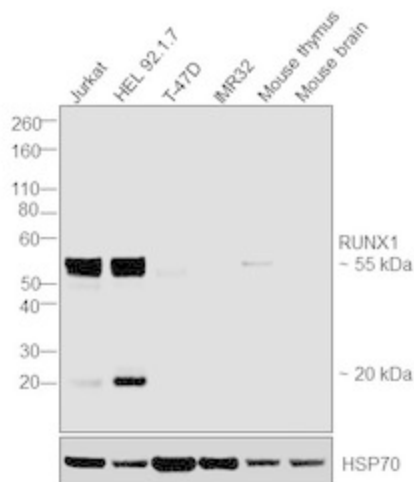


RUNX1 Antibody (PA5-19638)

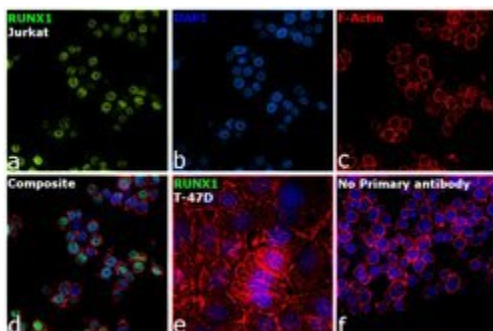
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-RUNX1 Polyclonal Antibody (Product # PA5-19638) shows increased expression of RUNX1 in Jurkat cell line when compared to T-47D (doi: 10.1371/journal.pone.0100759). Relative expression validation info.

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Product Images For RUNX1 Polyclonal Antibody



RUNX1 Antibody (PA5-19638) in ICC/IF

Immunofluorescence analysis of RUNX1 was performed using 70% confluent log phase Jurkat cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with RUNX1 Polyclonal Antibody (Product # PA5-19638) at 5 µg/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents T-47D cells having no expression of RUNX1. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

View more figures on thermofisher.com

Immunoprecipitation (1)

Immunity

Natural Genetic Variation Reveals Key Features of Epigenetic and Transcriptional Memory in Virus-Specific CD8 T Cells.

"PA5-19638 was used in Immunoprecipitation to provide insights into the molecular mechanisms driving virus-specific CD8 T cell responses and suggest a general mechanism for the formation of transcriptional and epigenetic memory applicable to other immune and non-immune cells."

Authors: van der Veeken J,Zhong Y,Sharma R,Mazutis L,Dao P,Pe'er D,Leslie CS,Rudensky AY

Species
Mouse

Dilution
Not Cited

Year
2019

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