

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

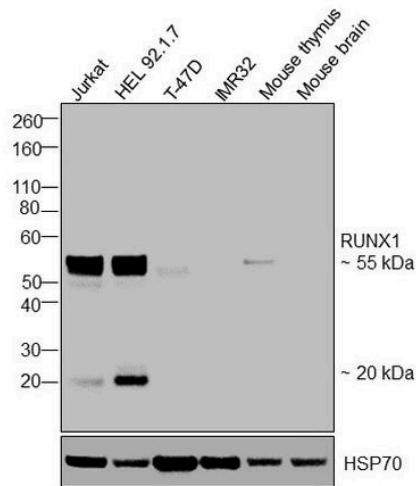
For Western Blot, this antibody has non-specific bands at 47 kDa and 75 kDa.

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

Product Images For RUNX1 Polyclonal Antibody

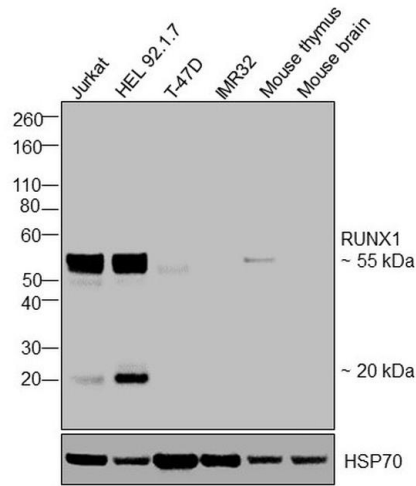
RUNX1 Antibody (PA5-19638)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Western blot analysis using Anti-RUNX1 Polyclonal Antibody (Product # PA5-19638) shows increased expression of RUNX1 in Jurkat, HEL 92.1.7 cell lines when compared to T-47D and IMR32 (doi: 10.1371/journal.pone.0100759). {RE}



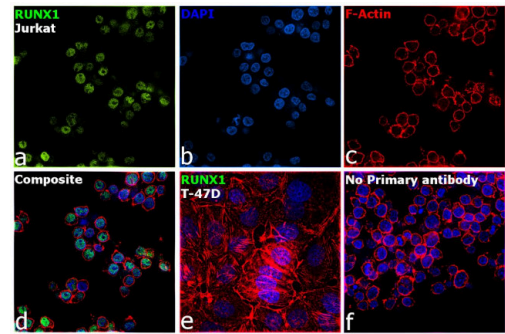
RUNX1 Antibody (PA5-19638) in WB

Western blot was performed using Anti-RUNX1 Polyclonal Antibody, (Product # PA5-19638) and 55 kDa, 20 kDa bands corresponding to RUNX1 isoforms were observed in the cell lines and tissue tested, with higher expression in Jurkat, HEL 92.1.7 compared to T-47D and IMR32. Modified whole cell extracts (1% SDS) (40 µg lysate) of Jurkat (Lane 1), HEL 92.1.7 (Lane 2), T-47D (Lane 3), IMR32 (Lane 4), Mouse thymus (lane 5) and Mouse brain (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.5 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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). {RE}



View more figures on thermofisher.cn

Immunoprecipitation (1)

Immunity	Year 2019
Natural Genetic Variation Reveals Key Features of Epigenetic and Transcriptional Memory in Virus-Specific CD8 T Cells.	Species Mouse
<p>"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."</p> <p>Authors: van der Veeken J,Zhong Y,Sharma R,Mazutis L,Dao P,Pe'er D,Leslie CS,Rudensky AY</p>	

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.