

RUNX1 Recombinant Polyclonal Antibody (3HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	3HCLC
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acids 174-188 of human Runt related transcription factor 1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532640

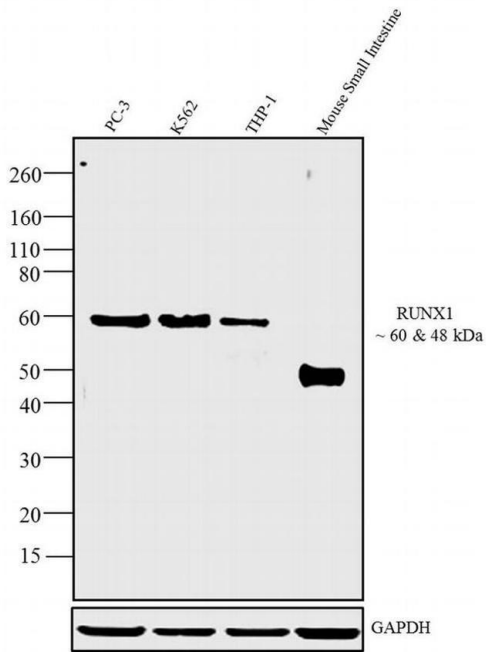
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-

Product Specific Information

This antibody is predicted to react with bovine and non-human primate based on sequence homology.

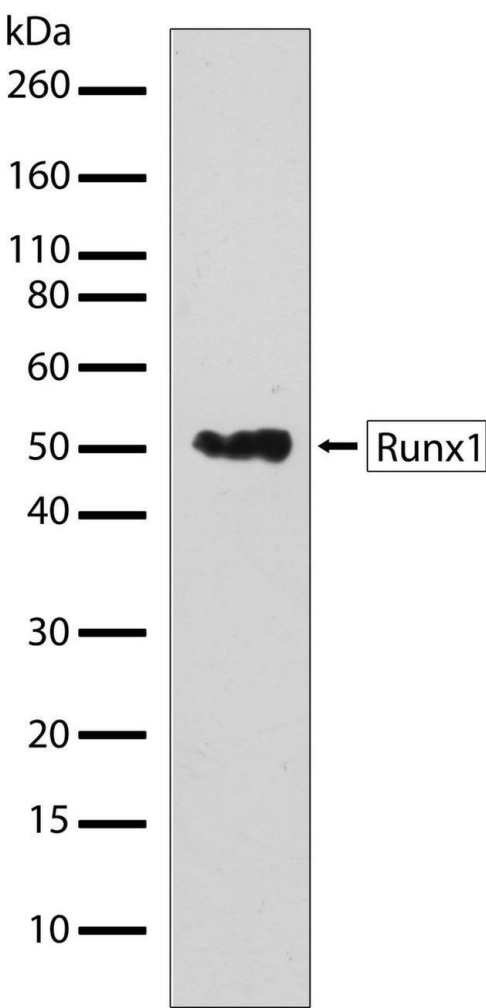
Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For RUNX1 Recombinant Polyclonal Antibody (3HCLC)



RUNX1 Antibody (710233) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of PC-3 (Lane 1), K562 (Lane 2), THP-1 (Lane 3) and Mouse Small Intestine (Lane 4). The blots were probed with Recombinant Rabbit Polyclonal Anti-RUNX1 Antibody (Product # 710233, 1-3 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.4 µg/mL, 1:2500 dilution). Two bands ~ 60 and 48 kDa band corresponding to RUNX1 was observed across cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a transferred onto a nitrocellulose membrane with Pierce™ Power Blotter System (22834). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western blotting Substrate (Product # 32106).



RUNX1 Antibody (710233) in WB

Western blot analysis of RUNX1 in fetal mouse thymus lysate using a RUNX1 Recombinant Rabbit Polyclonal Antibody (Product # 710233) at a dilution of 1 µg/mL. Samples were detected using chemiluminescence (ECL). Results show a band at ~52kDa.

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