

# RUNX1 Recombinant Rabbit Monoclonal Antibody (3H2L6)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	3H2L6
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acids 174–188 of human Runx1
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_2532428

Applications	Tested	Dilution	Published
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.

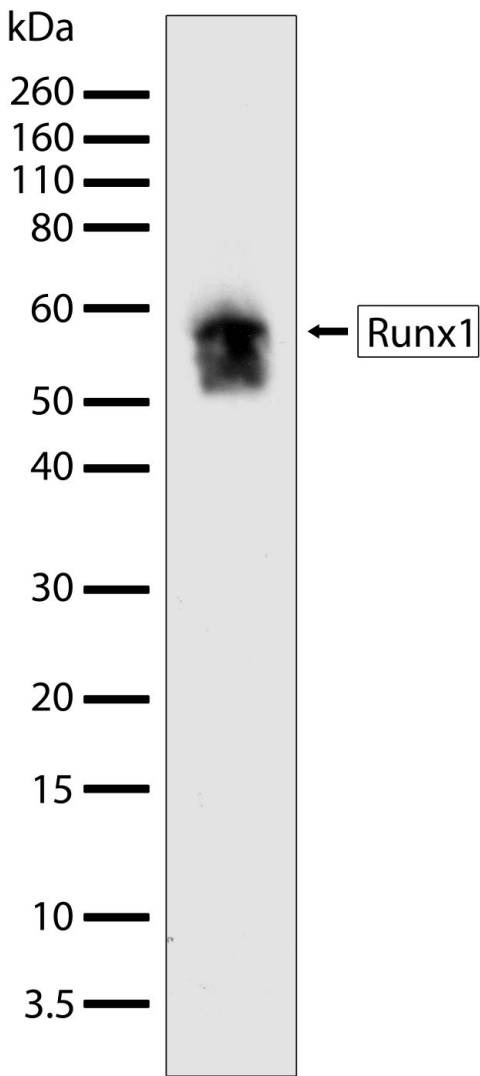
Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

## Product Images For RUNX1 Recombinant Rabbit Monoclonal Antibody (3H2L6)

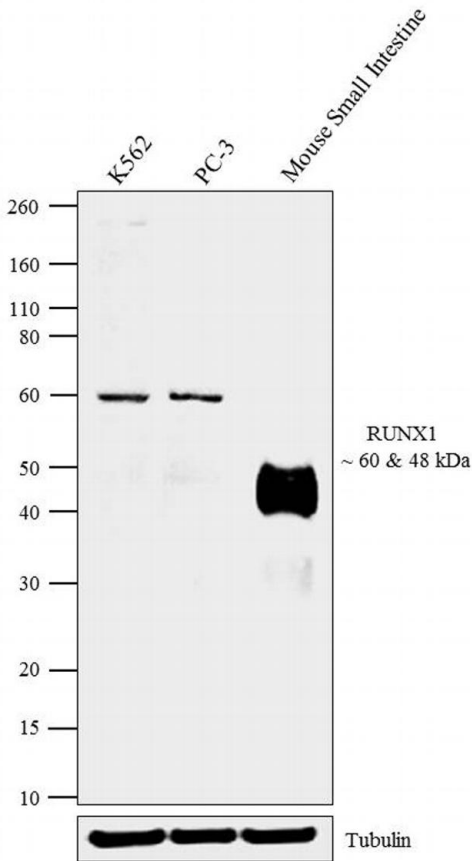
### RUNX1 Antibody (701202) in WB

Western blot analysis of RUNX1 in fetal mouse thymus lysate using a RUNX1 recombinant rabbit monoclonal antibody (Product # 701202) at a dilution of 2  $\mu\text{g}/\text{mL}$ . Samples were detected using chemiluminescence (ECL). Results show a band at ~52kDa.



## RUNX1 Antibody (701202) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of K562 (Lane 1), PC-3 (Lane 2) and Mouse Small Intestine (Lane 3). The blots were probed with ABfinity™ Rabbit Monoclonal Anti-RUNX1 Antibody (Product # 701202, 1-3 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.4 µg/mL, 1:2500 dilution). A ~ 60 kDa corresponding to RUNX1 was observed in K562 and PC3, while ~ 48 kDa band was observed in mouse small intestine tissue lysate. 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).



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