

# RUNX2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Chicken, Horse, Human, Mouse, Non-human primate
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to somewhere between amino acids 250-300 of human RUNX2.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS with 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2184239

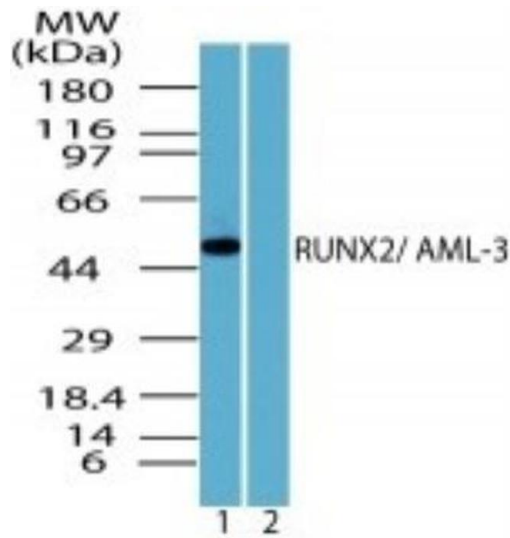
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	3 Publications

## Product Specific Information

PA1-41519 detects RUNX2 in chicken, chimpanzee, new world monkey, equine, human and mouse samples.

This antibody is predicted to react with rat, pufferfish, zebrafish, and xenopus based on sequence homology.

Product Images For RUNX2 Polyclonal Antibody



**RUNX2 Antibody (PA1-41519) in WB**  
Western blot analysis of RUNX2 in Saos-2 cell lysate in the 1) absence and 2) presence of immunizing peptide. Samples were incubated in RUNX2 polyclonal antibody (Product # PA1-41519) using a dilution of 2 µg/mL.

3 References

Western Blot (3)

International journal of molecular sciences	Year 2022
<b>Parathyroid Hormone Induces Human Valvular Endothelial Cells Dysfunction That Impacts the Osteogenic Phenotype of Valvular Interstitial Cells.</b>	
"Published figure using RUNX2 polyclonal antibody (Product # PA1-41519) in Western Blot"	
Authors: Vadana M,Cecoltan S,Ciortan L,Macarie RD,Mihaila AC,Tucureanu MM,Gan AM,Simionescu M,Manduteanu I, Droc I,Butoi E	
Pharmaceutics	Year 2020
<b>Nano-Polyplexes Mediated Transfection of Runx2-shRNA Mitigates the Osteodifferentiation of Human Valvular Interstitial Cells.</b>	Species Human
"PA1-41519 was used in Western Blotting to suggest that the silencing of Runx2 could represent a novel strategy to impede the osteoblastic phenotypic shift of VIC and the ensuing progress of CAVD."	Dilution 1:200
Authors: Voicu G,Rebleanu D,Constantinescu CA,Fuior EV,Ciortan L,Droc I,Uritu CM,Pinteala M,Manduteanu I, Simionescu M,Calin M	

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