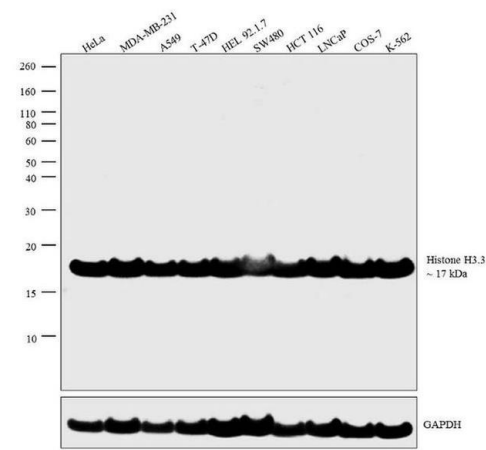


Histone H3.3 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Bovine, Chicken, Fruit fly, Horse, Human, Marsupial, Mouse, Zebrafish
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A portion of amino acids 100-150 of human Histone H3.3
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2540812

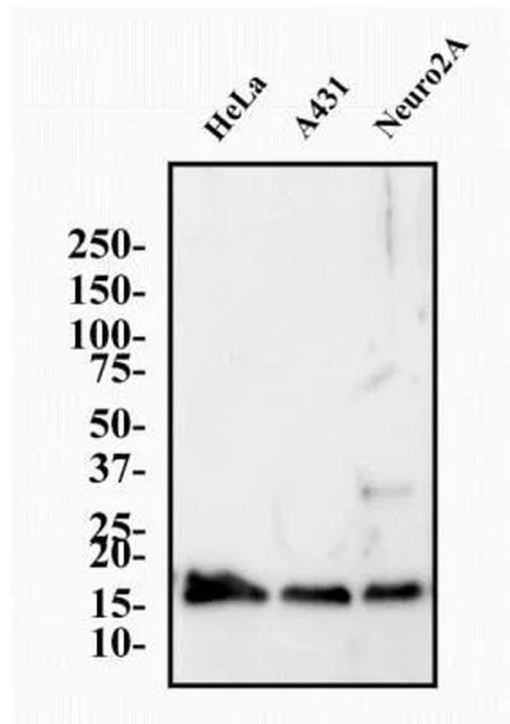
Applications	Tested Dilution	Publications
Western Blot (WB)	0.25-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5-10 µg/mL	-

Product Images For Histone H3.3 Polyclonal Antibody



Histone H3.3 Antibody (PA5-23288) in WB

Western blot analysis was performed on acid extracts (30 µg lysate) of HeLa (Lane 1), MDA-MB-231 (Lane 2), A549 (Lane 3), T-47D (Lane 4), HEL 92.1.7 (Lane 5), SW480 (Lane 6), HCT 116 (Lane 7), LNCaP (Lane 8), COS-7 (Lane 9), and K-562 (Lane 10). The blots were probed with Rabbit Anti-Histone H3.3 Polyclonal Antibody (Product # PA5-23288, 0.5 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 17 kDa band corresponding to Histone H3.3 was observed across the 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 nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). 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).



Histone H3.3 Antibody (PA5-23288) in WB

Western blot analysis of Histone H3.3 in human HeLa and A431 cells and mouse Neuro2A cells. Samples were incubated in Histone H3.3 polyclonal antibody (Product # PA5-23288) using a dilution of 0.5 µg/mL followed by an anti-rabbit HRP secondary antibody. Separated on a 4-15% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. Detection: chemiluminescence.

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