

NeuN Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human NeuN
Form	Liquid
Concentration	0.08 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
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_2644627

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

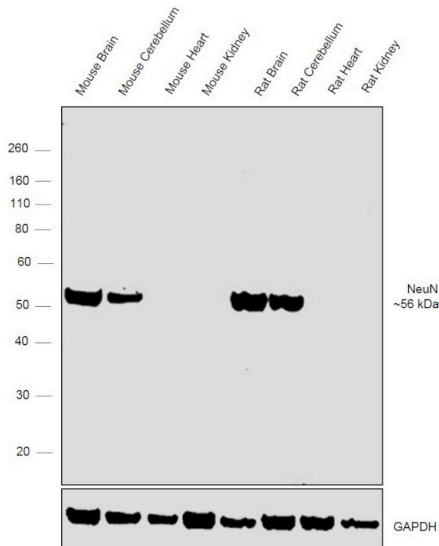
Immunogen sequence: PTQDYSGQTP VPTEHGMTLY TPAQTHPEQP GSEASTQPIA GTQTVPQTDE AAQTDSQPLH PSDPTEKQQ

Highest antigen sequence identity to the following orthologs: Mouse - 93%, Rat - 94%.

Product Images For NeuN Polyclonal Antibody

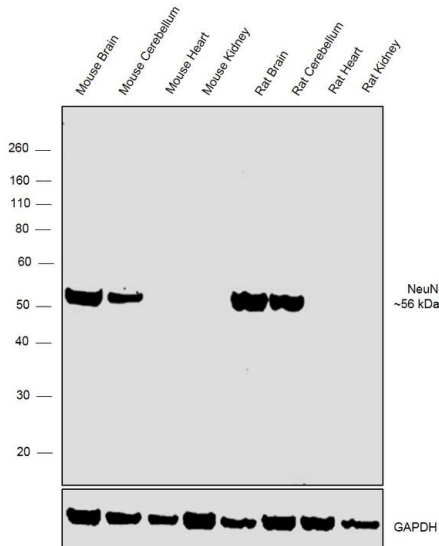
NeuN Antibody (PA5-56560)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cells owing to their inherent genetic constitution. Relative expression of NeuN was observed in Mouse and Rat Brain and Cerebellum and not Mouse and Rat Heart and Kidney tissues using NeuN Polyclonal Antibody (Product # PA5-56560) in western blot. {RE}



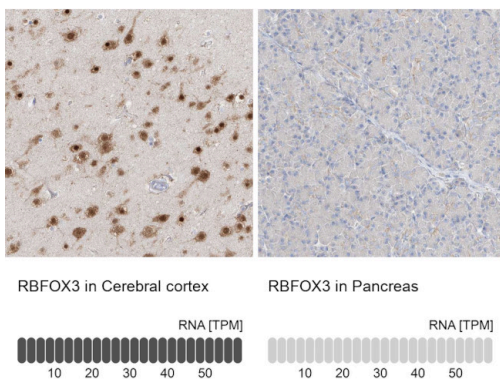
NeuN Antibody (PA5-56560) in WB

Western blot was performed using Anti-NeuN Polyclonal Antibody, (Product # PA5-56560) and band at ~56 kDa corresponding to NeuN was observed across the Mouse and Rat tissues tested except Heart and Kidney which are reported to be negative. Tissue extracts (30 µg lysate) of Mouse Brain (Lane 1), Mouse Cerebellum (Lane 2), Mouse Heart (Lane 3), Mouse Kidney (Lane 4), Rat Brain (Lane 5), Rat Cerebellum (Lane 6), Rat Heart (Lane 7) and Rat Kidney (Lane 8) were electrophoresed using Novex® NuPAGE® 4-12% % Bis-Tris gel (Product # NP0322BOX). 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 (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (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).



NeuN Antibody (PA5-56560) in IHC

Immunohistochemical staining of NeuN in human cerebral cortex and pancreas tissues using NeuN Polyclonal Antibody (Product # PA5-56560). Corresponding RBFOX3 RNA-seq data are presented for the same tissues.



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