

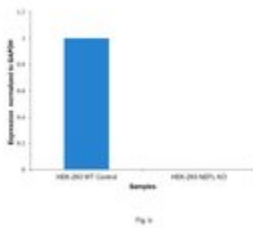
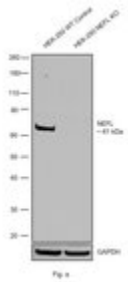
NEFL Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide, corresponding to amino acids 485-530 of Human NEFL.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% 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_2803482

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1000	-

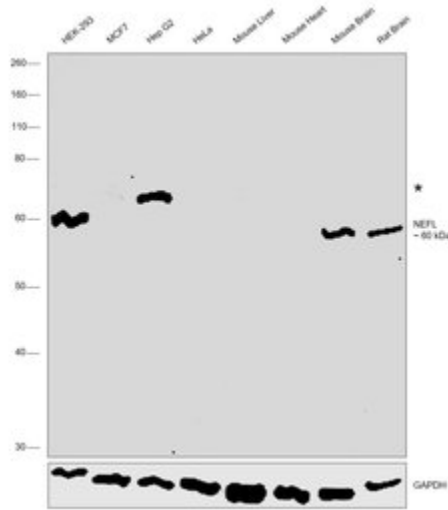
Advanced Verification Data



NEFL Antibody (PA5-86722)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in NEFL KO cell line compared to control cell line using Anti-NEFL Polyclonal Antibody (Product # PA5-86722). Knockout validation info.

Product Images For NEFL Polyclonal Antibody

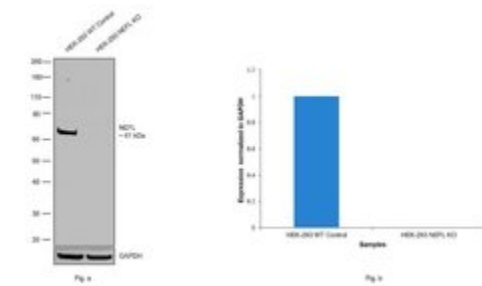


NEFL Antibody (PA5-86722) in WB

Western blot was performed using Anti-NEFL Polyclonal Antibody (Product # PA5-86722) and a 60 kDa band corresponding to NEFL was observed across HEK-293, Mouse Brain and Rat Brain along with an uncharacterized band (*) at ~65 kDa. Whole Cell Extract-WCL (30 µg lysate) of HEK-293 (Lane 1), MCF7 (Lane 2), Hep G2 (Lane 3), HeLa (Lane 4) and tissue extracts of Mouse Liver (Lane 5), Mouse Heart (Lane 6), Mouse Brain (Lane 7) and Rat Brain (Lane 8) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0301BOX). 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 (H+L) 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).

NEFL Antibody (PA5-86722) in WB

Knockout of NEFL was achieved by CRISPR-Cas9 genome editing using LentiArray™ Lentiviral sgRNA (Product # A32042) (Assay ID CRISPR1108488_LV) and LentiArray Cas9 Lentivirus (Product # A32064). Western blot analysis of NEFL was performed by loading 30 µg of HEK-293 wild type (Lane 1) and HEK-293 NEFL KO (Lane 2) whole cell extracts. The blot was probed with Anti-NEFL Polyclonal Antibody (Product # PA5-86722) using 1:1000 dilution and Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036). Loss of signal upon CRISPR mediated knockout (KO) using the LentiArray™ CRISPR product line confirms that antibody is specific to NEFL.



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