

NRGN Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein of human NRGN.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen 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_2720119

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

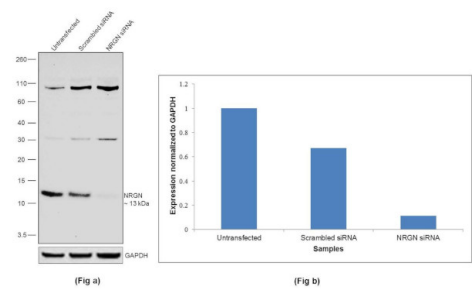
Product Specific Information

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Product Images For NRGN Polyclonal Antibody

NRGN Antibody (PA5-76392)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. PC-3 cells were transfected with NRGN siRNA and loss of signal was observed in Western Blot using NRGN Polyclonal Antibody (Product # PA5-76392). {KD}

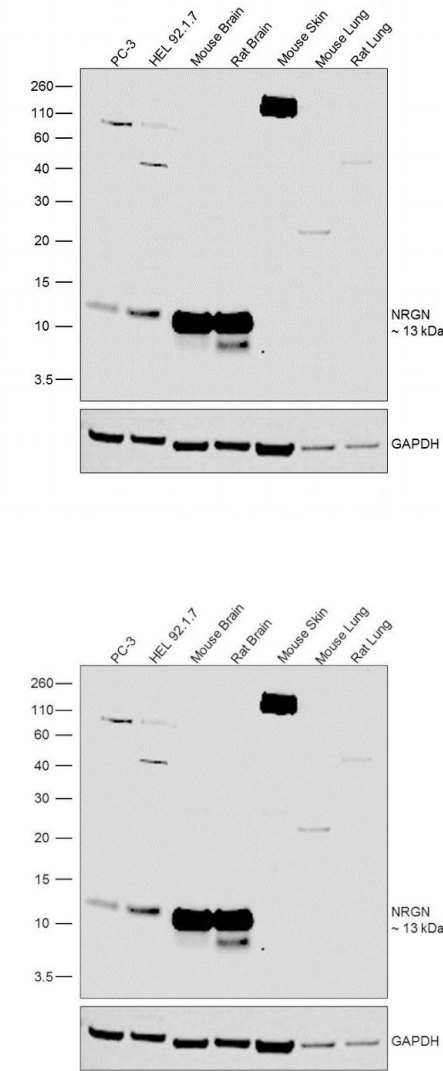


NRGN Antibody (PA5-76392) in WB

Western blot was performed using Anti-NRGN Polyclonal Antibody (Product # PA5-76392) and a 13 kDa band corresponding to NRGN was observed across the cell lines and tissues tested except Mouse Skin, Mouse and Rat Lung. Whole cell extracts (30 µg lysate) of PC-3 (Lane 1), HEL 92.1.7 (Lane 2) and tissue extracts of Mouse Brain (Lane 3), Rat Brain (Lane 4), Mouse Skin (Lane 5), Mouse Lung (Lane 6) and Rat Lung (Lane 7) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0342BOX). 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 using Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (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).

NRGN Antibody (PA5-76392)

Antibody specificity was also demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of NRGN was observed in Brain in comparison to Skin and Lung which are reported to be negative for NRGN expression using NRGN Polyclonal Antibody (Product # PA5-76392) in western blot. {RE}



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