

NGF Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Full length human NGF beta Recombinant protein.
Form	Liquid
Concentration	0.91 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546901

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-

Product Specific Information

Recommended positive controls: NT2D1.

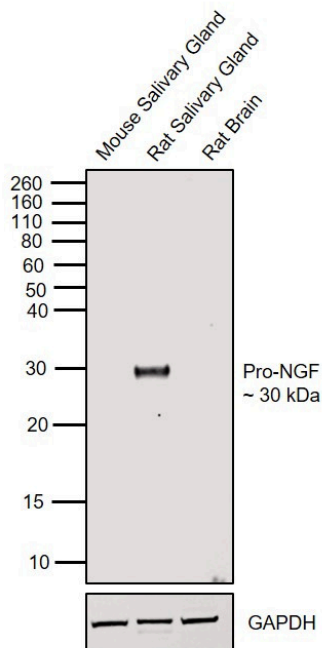
Predicted reactivity: Mouse (85%), Rat (85%), Dog (90%), Chimpanzee (99%), Bovine (90%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For NGF Polyclonal Antibody

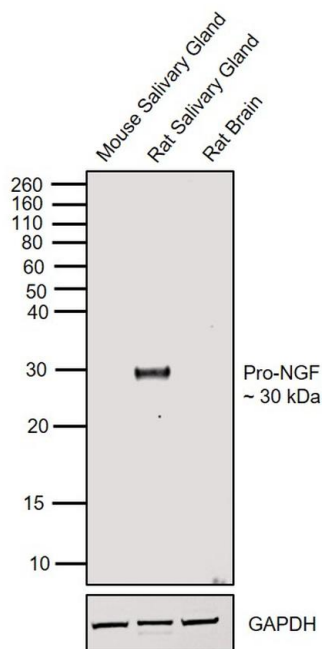
NGF Antibody (PA5-29425)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of NGF was observed in Rat Salivary Gland, which expresses high levels of NGF compared to Rat Brain, which does not express NGF, using Anti-NGF Polyclonal Antibody (Product # PA5-29425) in Western Blot. {RE}



NGF Antibody (PA5-29425) in WB

Western blot was performed using Anti-NGF Polyclonal Antibody (Product # PA5-29425) and a 30 kDa band corresponding to pro-NGF was observed across in Rat Salivary Gland and not in Rat Brain and Mouse Salivary Gland. Whole cell extracts (30 μ g lysate) of Mouse Salivary Gland (Lane 1), Rat Salivary Gland (Lane 2) and Rat Brain (Lane 3) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0342BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



KDa

55

43

34

26

17

10

A

NGF Antibody (PA5-29425) in WB

Western Blot using NGF Polyclonal Antibody (Product # PA5-29425). Sample (30 µg of whole cell lysate). Lane A: NT2D1. 12% SDS PAGE. NGF Polyclonal Antibody (Product # PA5-29425) diluted at 1:1,000.



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