

Product Datasheet

Anti-NGF Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL03936

Product Information

Product name	Anti-NGF Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:400
Cellular localization	Secreted	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background
NGF is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival.

Immunogen
Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NGF.

Purification
Polyclonal antibody was purified by immunogen affinity chromatography.

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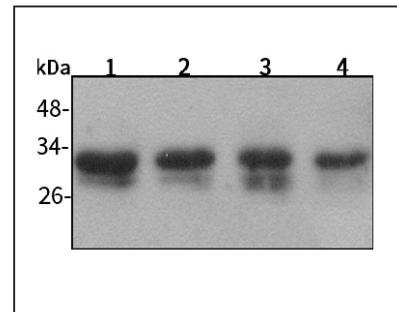
Anti-NGF Rabbit pAb

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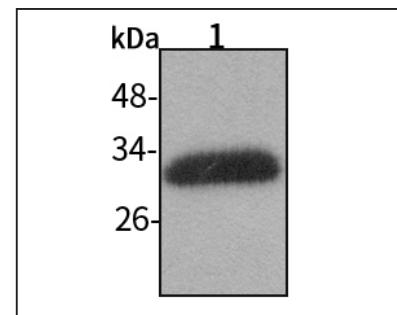
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Product Images



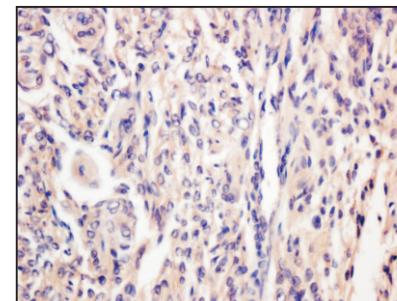
Western blot-Anti-NGF pAb

Lane 1: Human HeLa cell lysate
Lane 2: Human MCF-7 cell lysate
Lane 3: Human HEK-293 cell lysate
Lane 4: Human A549 cell lysate
All lanes: Anti-NGF at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 27 kDa
Observed band size: 13/27 kDa



Western blot-Anti-NGF pAb

Lane 1: Rat lung cell lysate
All lanes: Anti-NGF at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 27 kDa
Observed band size: 13/27 kDa



Immunohistochemistry-Anti-NGF pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-NGF Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

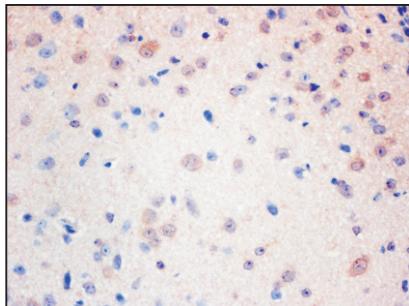
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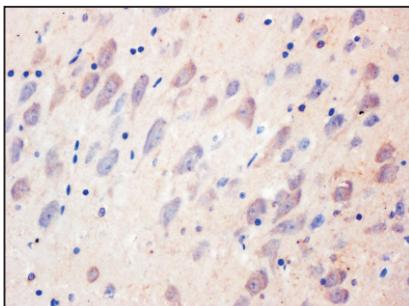
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Immunohistochemistry-Anti-NGF pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-NGF Rabbit Antibody at 1:200 dilution.

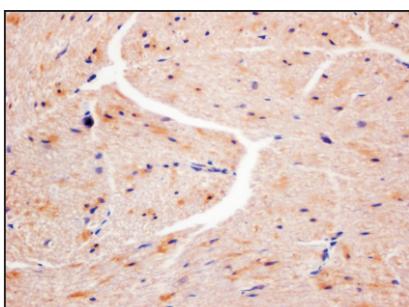
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunohistochemistry-Anti-NGF pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-NGF Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunohistochemistry-Anti-NGF pAb

Immunohistochemical analysis of paraffin-embedded rat sciatic nerve using anti-NGF Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.