



Rabbit Anti-Human NF-L (aa 1-352) Polyclonal Antibody (DPAB-JXL23191)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	NF-L fusion protein 1-352 aa encoded by BC039237
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB 1:2000-1:16000; IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB; IHC : 1:1000-1:4000; IF : 1:200-1:800 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	0.6 mg/ml
Size	50 µl, 100 µl, 150 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% sodium azide
Storage	Store at -20°C. Stable for one year after shipment. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

Neurofilaments are the 10nm or intermediate filament proteins found specifically in neurons, and are composed predominantly of three major proteins called NF-L, NF-M and NF-H, though other filament proteins may be included also. The major function of neurofilaments is likely to control the diameter of large axons. NF-L is the neurofilament light or low molecular weight polypeptide and runs on SDS-PAGE gels at 68-70kDa with some variability across species.

GENE INFORMATION

UniProt ID

[P07196](#)

Function

Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites.
