Datasheet for ABIN361353

anti-NEFL antibody

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	NEFL
Reactivity:	Cow
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This NEFL antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Preparation of bovine spinal cord NF-L
Specificity:	Specific for the ~68k Neurofilament L protein in Western blots and works well on frozen sections, cells in tissue culture and on mildly formalin fixed histological sections.
Cross-Reactivity:	Chicken, Cow (Bovine), Human, Mouse (Murine), Rat (Rattus)
Purification:	Total IgY fraction

Target Details

Target:	NEFL
Alternative Name:	NEFL (NEFL Products)
Background:	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 (1). NF-L is the neurofilament light or low molecular weight polypeptide and runs on SDS-PAGE gels at

Target Details

	about 68kDa. Antibodies to NF-L are useful for identifying neuronal cells and their processes in tissue sections and in tissue culture. Mutations in the protein coding region of the human NF-L gene cause some forms of Charcot-Marie-Tooth disease (2). Anti-Neurofilament L Western blot of rat cortex lysate showing specific immunolableing of the ~ 68k NF-L protein.
Molecular Weight:	'68 kDa
Gene ID:	4747
UniProt:	P02548

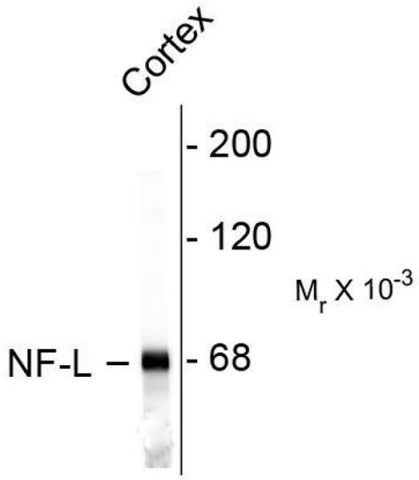
Application Details

Application Notes:	Recommended Dilution: WB: 1:10,000 IF: 1:5,000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

Handling

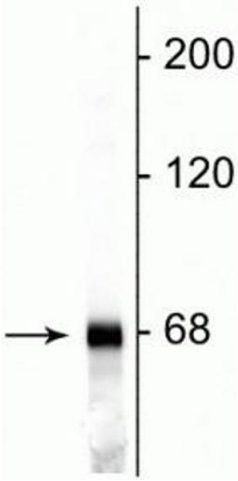
Format:	Liquid
Buffer:	total IgY fraction in PBS + 10 mM Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western blots of rat cortex lysate showing specific immunolableing of the ~ 68k NF-L protein.



Western Blotting

Image 2. Western blot of rat cortical lysate showing specific immunolabeling of the ~68 kDa NF-L protein.