Datasheet for ABIN7259124

anti-NEFM antibody

2 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	NEFM
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEFM antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human NEFM (NP_005373.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	NEFM
Alternative Name:	NEFM (NEFM Products)
Background:	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of

Target Details

	neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Gene ID:	4741
UniProt:	P07197
Pathways:	Brown Fat Cell Differentiation

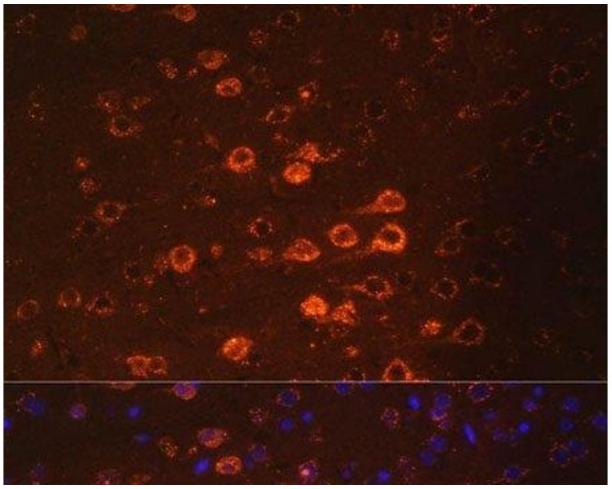
Application Details

Application Notes:	IF 1:50-1:200
Restrictions:	For Research Use only

Handling

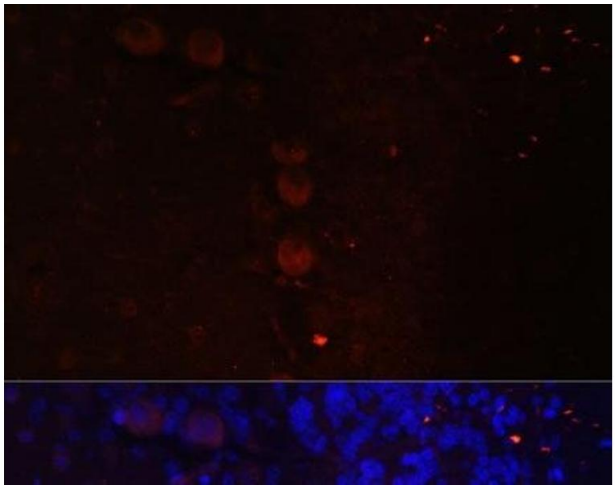
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of Mouse brain using NEFM Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of Rat brain using NEFM Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.