

Datasheet for ABIN1574095
anti-NEFM antibody (AA 320-370)[Go to Product page](#)

1 Image

Overview

Quantity:	40 µg
Target:	NEFM
Binding Specificity:	AA 320-370
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEFM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH-coupled synthetic peptide from within AA 320-370 of human Neurofilament-M .
Isotype:	IgG
Specificity:	Rabbit Anti-Neurofilament-M Polyclonal Antibody detects endogenous levels of mouse and rat Neurofilament-M protein. It is predicted to react with human neurofilament-M according to sequence homology.
Cross-Reactivity (Details):	Rabbit Anti-Neurofilament-M Polyclonal Antibody detects endogenous levels of mouse and rat Neurofilament-M protein. It is predicted to react with human neurofilament-M according to sequence homology.
Purification:	Immunoaffinity chromatography

Target Details

Target:	NEFM
Alternative Name:	Neurofilament-M (NEFM Products)
Background:	Neurofilament-M (also known as NFM), is one member of Neurofilaments, which are the major intermediate filaments found in neurons and consist of light (NFL), medium (NFM), and heavy (NFH) subunits. Being critical for radial axon growth, neurofilaments determine axon caliber while microtubules are involved in axon elongation. It can also be useful in studies of neurofilament accumulations in many neurological diseases, such as Lou Gehrig's disease or Alzheimer's disease. Rabbit Anti-Neurofilament-M Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from within residues 320-370 of human Neurofilament-M (Swiss Prot: P07197).
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	<p>Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.</p> <p>ELISA: 0.05-0.2 µg/mL</p> <p>Western blot: 0.5-1 µg/mL Other Applications: user-optimized</p>
Restrictions:	For Research Use only

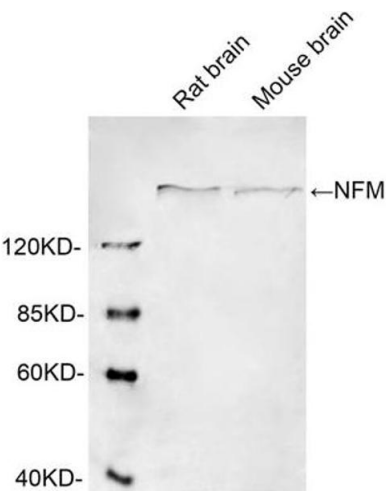
Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	<p>WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute</p>

Handling

	azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Images



Western Blotting

Image 1. Western blot analysis of cell lysates using 1 µg/mL Rabbit Anti-Neurofilament-M Polyclonal Antibody (ABIN398865) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG. Predicted Size: 160 KD Observed Size: 160 KD