

Datasheet for ABIN571056
anti-NEFM antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	NEFM
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NEFM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	NEFM / NF-M
Immunogen:	Peptide with sequence C-QASHITVERKDYLK, from the internal region of the protein sequence according to NP_005373.2, NP_001099011.1.
Sequence:	QASHITVERK DYLK
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform 1 (NP_005373.2) only.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

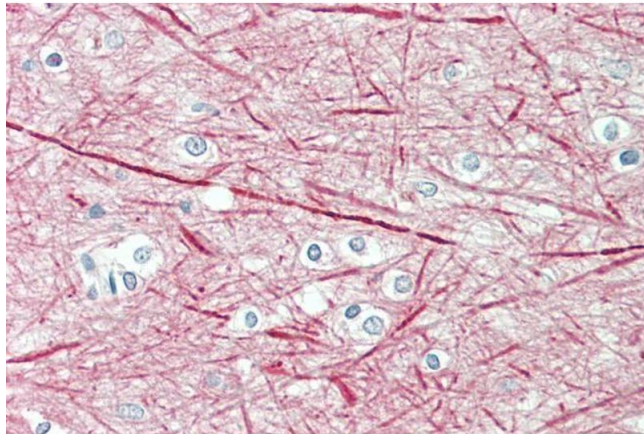
Target:	NEFM
Alternative Name:	NEFM (NEFM Products)
Background:	NEFM, neurofilament, medium polypeptide, NEF3, NF-M, NFM, neurofilament triplet M protein, neurofilament, medium polypeptide 150 kDa, neurofilament-3 (150 kD medium)
Gene ID:	4741, 18040, 24588
NCBI Accession:	NP_005373
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5 µg/mL. Western Blot: Approx 170-200 kDa band observed in Mouse Brain lysates (calculated MW of 102 kDa according to NP_005373.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.03-0.1 µg/mL. Primary incubation was 1 hour Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

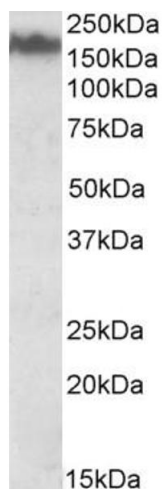
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571056 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571056 (0.03µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.