For research purposes only, not for human use

Product Data Sheet

Anti-NEFM Antibody

Catalog #	Source	Reactivity	Applications
CQA6576	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to NEFM
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human of human NEFM. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of NEFM protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	NEFM
Alternative Names	NEF3; NFM; Neurofilament medium polypeptide; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein
Entrez Gene	4741 (Human); 18040 (Mouse); 24588 (Rat)
SwissProt	P07197 (Human); P08553 (Mouse); P12839 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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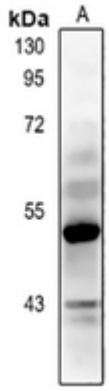
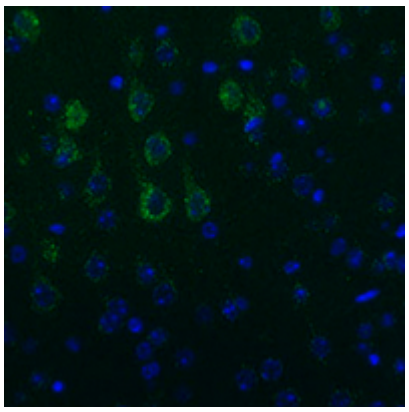


Western blot analysis of NEFM expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Immunofluorescent analysis of NEFM staining in mouse brain. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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