

AP20680PU-N**Polyclonal Antibody to Neurofilament M (160 kD) - Aff - Purified**

Alternate names:	(Neuronal Marker), NEF3, NEFM, NF-M, Neurofilament 3, Neurofilament medium polypeptide
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. The extra mass and high charge density that distinguish the neurofilament proteins from all other intermediate filament proteins are due to the tailpiece extensions. This region may form a charged scaffolding structure suitable for interaction with other neuronal components or ions.
Uniprot ID:	P07197
NCBI:	NP_005373.2
GeneID:	4741
Host:	Rabbit
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography (> 95% (by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS), pH 7.2. Preservatives: 0.05% sodium azide
Applications:	Western blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	~ 110 kDa
Specificity:	This antibody detects endogenous levels of NF-M protein.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot (WB) analyzes of NF-M antibody (Cat.-No.: AP20680PU-N) in extracts from MCF-7 cells.

