

## Product datasheet for **TA367151**

### Neurofilament (NEFM) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human brain malignant glioma tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human NEFM
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	102 kDa
Gene Name:	neurofilament, medium polypeptide
Database Link:	<a href="#">Entrez Gene 4741 Human P07197</a>
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 neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms.



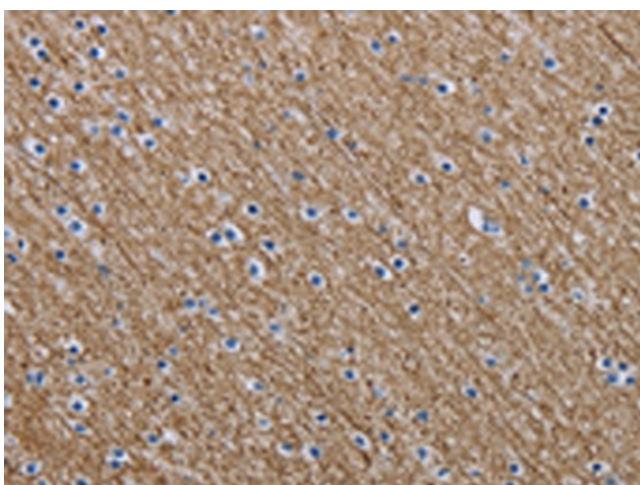
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Synonyms: NEF3; NF-M; NFM

### Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human brain malignant glioma tissue  
Primary antibody: TA367151 (NEFM Antibody) at dilution 1/150  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minutes



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367151 (NEFM Antibody) at dilution 1/20 (Original magnification:  $\times$ 200)