

Product datasheet for **TA367151S**

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 ₃ , 40% Glycerol
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:	Entrez Gene 4741 Human P07197

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.

Synonyms: NEF3; NF-M; NFM

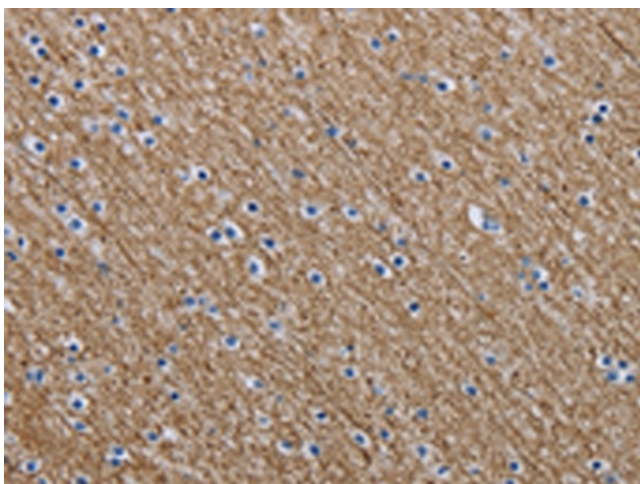


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Product images:



Gel: 6%SDS-PAGE
Lysate: 40 μ 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)